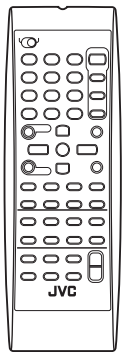
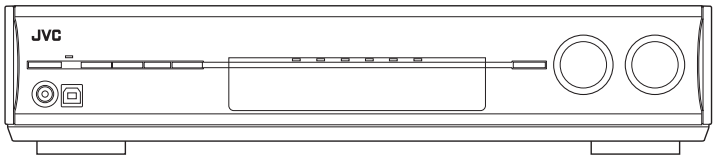
JVC

SERVICE MANUAL

AUDIO/VIDEO CONTROL RECEIVER

RX-D201S,RX-D202B





RX-D201S	
Area suffix	
A	Australia
B	U.K.
E	Continental Europe
EN	Northern Europe
EV	Eastern Europe
UF	China

RX-D202B	
Area suffix	
E	Continental Europe

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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No.MB418
2005/11

SPECIFICATION

Amplifier			
Output Power	At stereo operation	Front channels	100 W per channel, min. RMS, driven into 6 Ω at 1 Hz with no more than 0.8% total harmonic distortion. (IEC-286-3)
	At surround operation	Front channels	100 W per channel, min. RMS, driven into 6 Ω at 1 kHz with no more than 0.8% total harmonic distortion.
		Center channel	100 W, min. RMS, driven into 6 Ω at 1 kHz, with no more than 0.8% total harmonic distortion.
		Surround channels	100 W per channel, min. RMS, driven into 6 Ω at 1 kHz, with no more than 0.8% total harmonic distortion.
		Surround back channels	100 W per channel, min. RMS, driven into 6 Ω at 1 kHz, with no more than 0.8% total harmonic distortion.
Audio	Audio Input Sensitivity/Impedance		DVR/DVD, VCR, DBS, TV:270 mV/47 kΩ
	Audio Input (DIGITAL IN)*	Coaxial	DIGITAL IN 1(DVR/DVD):0.5 V(p-p)/75 Ω
		Optical	DIGITAL IN 2(DBS):-21 dBm to -15 dBm (660 nm ±30 nm)
		USB	USB DIGITAL
	Audio Output Level		DVR, VCR:270 mV
	Signal-to-Noise Ratio ('66 IHF/'78 IHF)		80 dB/62 dB
	Frequency Response (6 Ω)		20 Hz to 20 kHz (±1 dB)
	Bass Boost		+4 dB ±1 dB at 100 Hz
	Equalization (at DSP operation)	Center frequency	63 Hz, 250 Hz, 1 kHz, 4 kHz, 16 kHz
		Control range	±8 dB
Video	Video Input Sensitivity/Impedance	Composite video:DVR/DVD, VCR, DBS	1 V(p-p)/75 Ω
		S-video:DVR/DVD, VCR, DBS	Y (luminance):1 V(p-p)/75 Ω C (chrominance, burst):0.3 V(p-p)/75 Ω
		Component:DVR/DVD, VCR (DBS)	Y (luminance):1 V(p-p)/75 Ω PB, PR:0.7 V(p-p)/75 Ω
	Video Output Level/Impedance	Composite video:DVR/DVD, VCR, DBS	1 V(p-p)/75 Ω
		S-video:DVR, VCR, MONITOR OUT	Y (luminance):1 V(p-p)/75 Ω C (chrominance, burst):0.3 V(p-p)/75 Ω
		Component:MONITOR OUT	Y (luminance):1 V(p-p)/75 Ω PB, PR:0.7 V(p-p)/75 Ω
	Synchronization		Negative
FM tuner (IHF)			
Tuning Range			87.5 MHz to 108.0 MHz
Usable Sensitivity		Monaural	17.0 dBf (1.9 µV/75 Ω)
50 dB Quieting Sensitivity		Monaural	21.3 dBf (3.2 µV/75 Ω)
		Stereo	41.3 dBf (31.8 µV/75 Ω)
Stereo Separation at REC OUT			35 dB at 1 kHz
AM tuner			
Tuning Range			522 kHz to 1 629 kHz
General			
Power Requirements			AC 230 V , 50 Hz
Power Consumption			180 W (at operation) 0.9 W (in standby mode)
Dimensions (W × H × D)			435 mm × 91.5 mm × 360 mm
Mass			6.7 kg

* Corresponding to Linear PCM, Dolby Digital, and DTS (with sampling frequency -32 kHz, 44.1 kHz, 48 kHz).
Designs and specifications are subject to change without notice.

SECTION 1
PRECAUTIONS

1.1 Safety Precautions

(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.

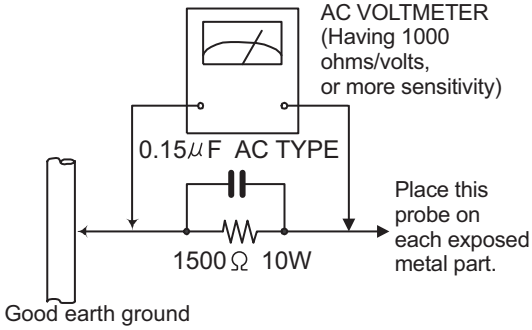
(2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.

(4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

(5) Leakage shock hazard testing
After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.Do not use a line isolation transformer during this check.

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
  Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000Ω per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
  Measure the AC voltage across the resistor with the AC voltmeter.
  Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



1.2 Warning

(1) This equipment has been designed and manufactured to meet international safety standards.
(2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
(3) Repairs must be made in accordance with the relevant safety standards.
(4) It is essential that safety critical components are replaced by approved parts.
(5) If mains voltage selector is provided, check setting for local voltage.

1.3 Caution

Burrs formed during molding may be left over on some parts of the chassis.
Therefore, pay attention to such burrs in the case of preforming repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (●) or identified by the " ⚠ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.
(This regulation dose not Except the J and C version)

1.5 Safety Precautions (U.K only)

(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits.
(2) Any unauthorised design alterations or additions will void the manufacturer's guarantee; furthermore the manufacturer cannot accept responsibility for personal injury or property damage resulting therefrom.
(3) Essential safety critical components are identified by (⚠) on the Parts List and by shading on the schematics, and must never be replaced by parts other than those listed in the manual. Please note however that many electrical and mechanical parts in the product have special safety related characteristics. These characteristics are often not evident from visual inspection. Parts other than specified by the manufacturer may not have the same safety characteristics as the recommended replacement parts shown in the Parts List of the Service Manual and may create shock, fire, or other hazards.
(4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.

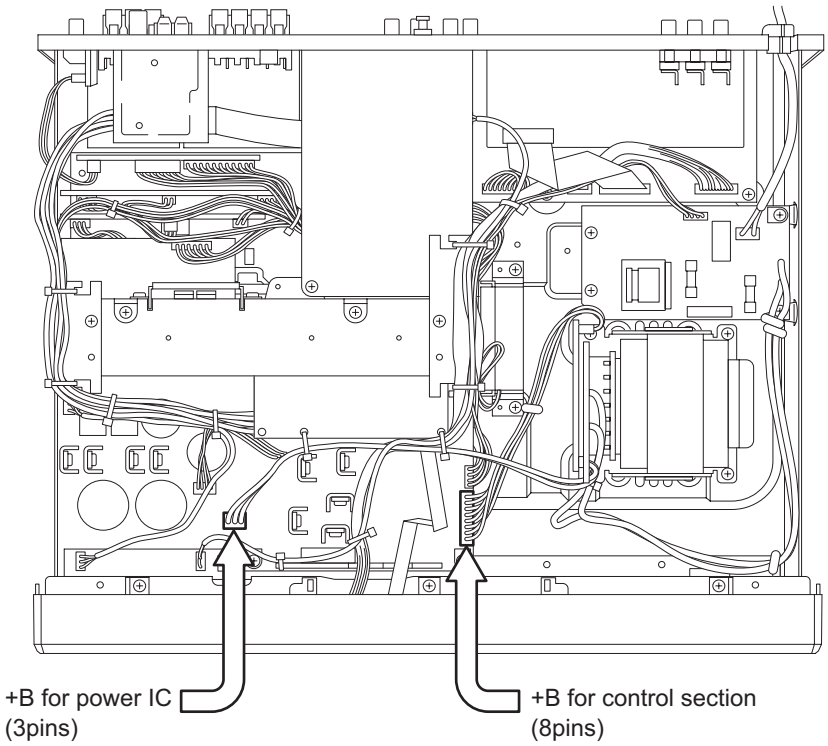
1.5.1 Warning

(1) Service should be performed by qualified personnel only.
(2) This equipment has been designed and manufactured to meet international safety standards.
(3) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
(4) Repairs must be made in accordance with the relevant safety standards.
(5) It is essential that safety critical components are replaced by approved parts.
(6) If mains voltage selector is provided, check setting for local voltage.

⚠ ***CAUTION*** **Burrs formed during molding may be left over on some parts of the chassis. Therefore, pay attention to such burrs in the case of preforming repair of this system.**

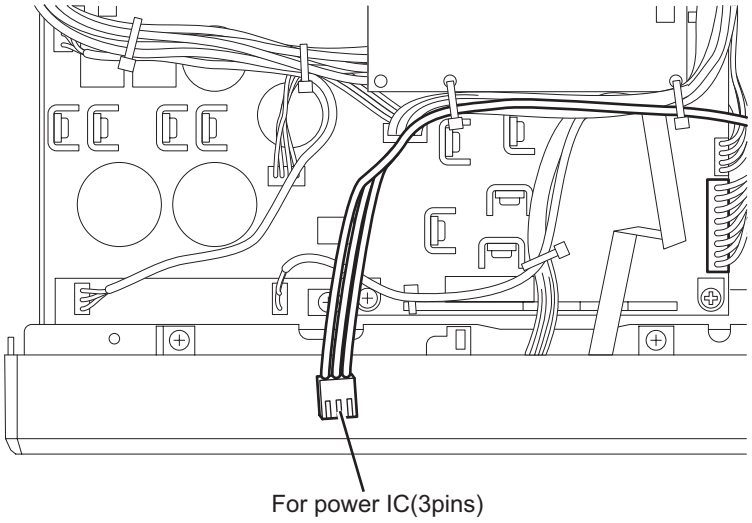
1.6 Caution after repairs

There are two power supply as the second power supply of the transformer.
One is a power supply for power IC(3pin), and another is a power supply for the control(8pin).



There are two power supply as the second power supply of the transformer.
One is a power supply for power IC(3pin), and another is a power supply for the control(8pin).

Please connect first of all and confirm the power supply for the control when you do the energizing examination after it completes of the repair.



Please never do the energizing examination in a power supply of power IC alone.
Moreover, when the control system breaks down, power IC is occasionally damaged.

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3
DISASSEMBLY

3.1 Main body section

3.1.1 Removing the top cover (See Figs.1 and 2)

(1) From the both sides of the main body, remove the four screws **A** attaching the top cover. (See Fig.1)
(2) From the back side of the main body, remove the six screws **B** attaching the top cover. (See Fig.2)
(3) Remove the top cover in the direction of the arrow. (See Fig.1.)

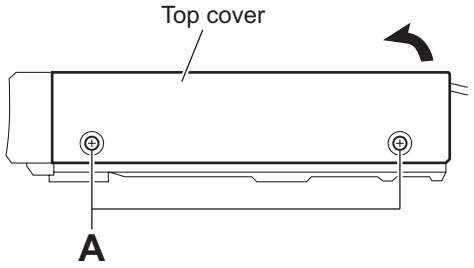
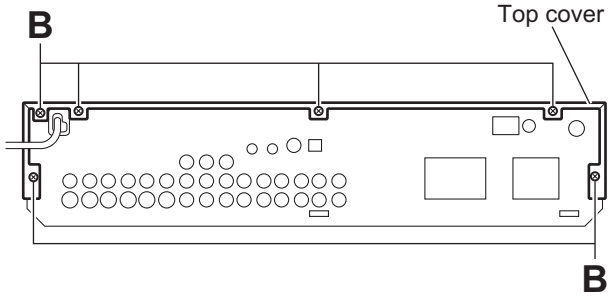


Fig.1

[For Australia/China]



[For Europe]

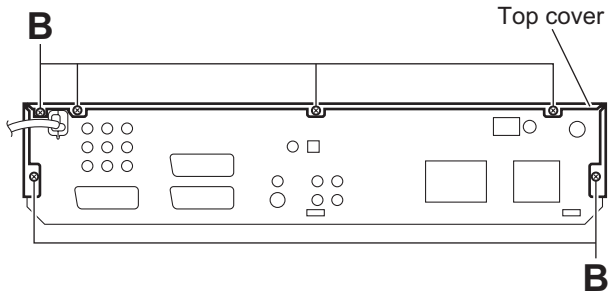


Fig.2

3.1.2 Removing the front panel assembly (See Figs.3 and 4)

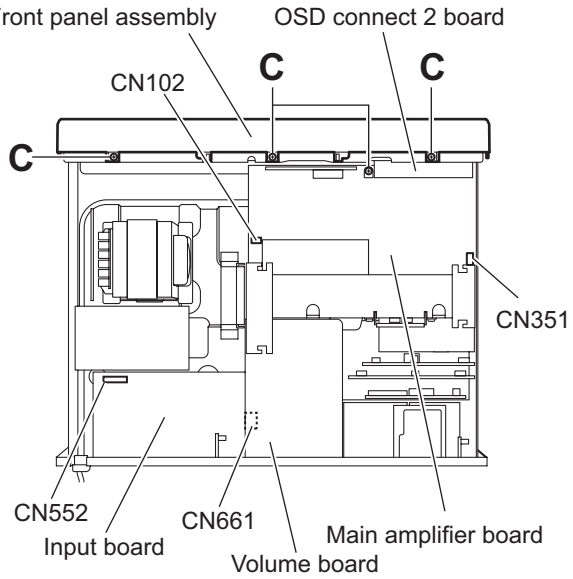
- Remove the top cover.

Reference:

Remove the tie bands and wire holder bundling the wires.

(1) Disconnect the card wire from the connector CN102 on the main amplifier board. (See Fig.3)
(2) Disconnect the wire from the connector CN351 on the main amplifier board. (See Fig.3)
(3) Disconnect the wire from the connector CN552 on the input board. (See Fig.3)
(4) Disconnect the wire from the connector CN661 on the volume board. (See Fig.3)
(5) Remove the three screws **C** attaching the front panel assembly. (See Fig.3)
(6) Remove the screw **C** attaching the OSD connect 2 board. (See Fig.3)
(7) From the bottom side of the main body, remove the four screws **D** attaching the front panel assembly. (See Fig.4)
(8) Release the joints **a** and remove the front panel assembly in the direction of the arrow. (See Fig.4)

[For Australia/China]



[For Europe]

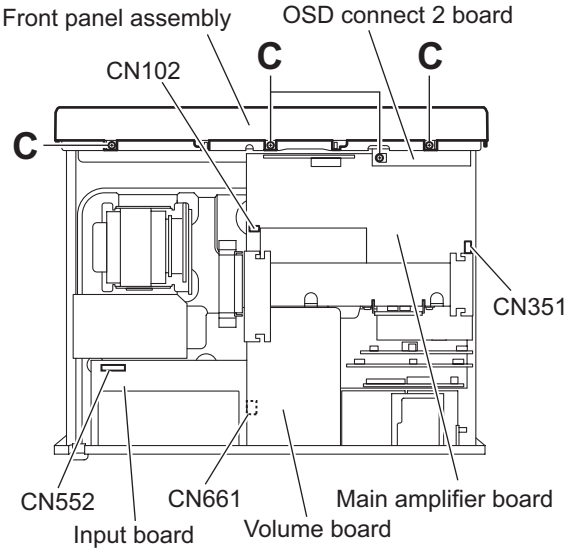


Fig.3

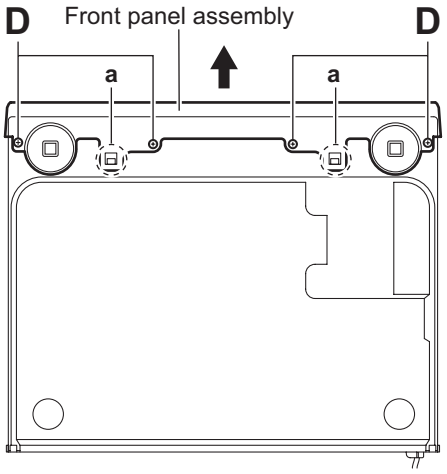
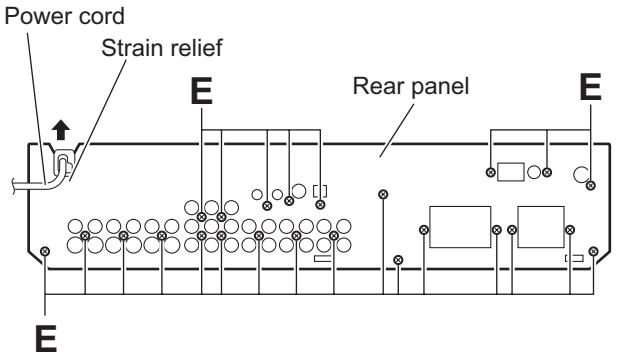


Fig.4

3.1.3 Removing the rear panel (See Fig.5)

- Remove the top cover.
  (1) From the back side of the main body, remove the strain relief from the rear panel in the direction of the arrow and remove the power cord.
  (2) Remove the twenty-four screws **E** attaching the rear panel. **[For Australia/China]**
  (3) Remove the twenty-five screws **E** attaching the rear panel. **[For Europe]**

[For Australia/China]



[For Europe]

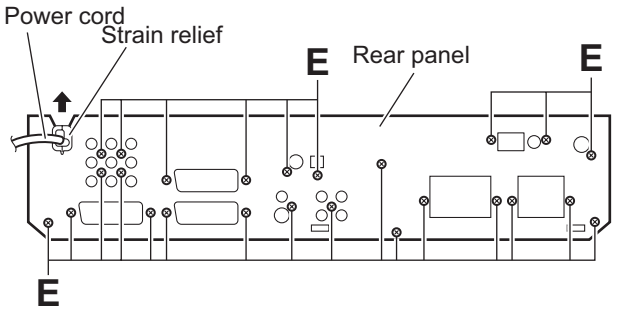


Fig.5

3.1.4 Removing the tuner (See Fig.6)

- Remove the top cover.
  (1) From the top side of the main body, disconnect the card wire from the connector CN1 on the tuner.
  (2) From the back side of the main body, remove the two screws **F** attaching the tuner to the rear panel and take out the tuner.

3.1.5 Removing the subwoofer board (See Fig.6)

- Remove the top cover.
  (1) From the top side of the main body, disconnect the wire from the connector CN524 on the subwoofer board.
  (2) From the back side of the main body, remove the screw **G** attaching the subwoofer board to the rear panel and take out the subwoofer board.

3.1.6 Removing the compulink board (See Fig.6) [For Australia/China]

- Remove the top cover.
  (1) From the top side of the main body, disconnect the wire from the connector CN565 on the compulink board.
  (2) From the back side of the main body, remove the screw **H** attaching the compulink board to the rear panel and take out the compulink board.

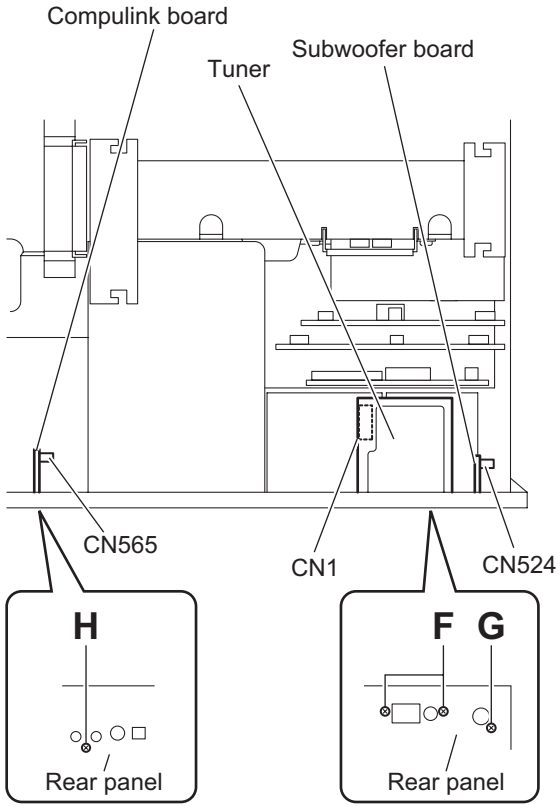


Fig.6

3.1.7 Removing the volume board (See Fig.7)

- Remove the top cover.

(1) From the back side of the main body, remove the three screws **J** attaching the volume board to the rear panel.
(2) Remove the screw **K** attaching the volume board.

Reference:
Remove the tie bands bundling the wires.

(3) Rmove the screw **M** attaching the wire holder board and move the wire holder board with the wires in the direction of the arrow.
(4) Disconnect the connector CN681 on the volume board in an upward direction.

Note:
When removing the volume board, take care not to break the claw of the connector.

(5) Take out the volume board and disconnect the wires from the connectors (CN661, CN682, CN683) on the forward side of the volume board.

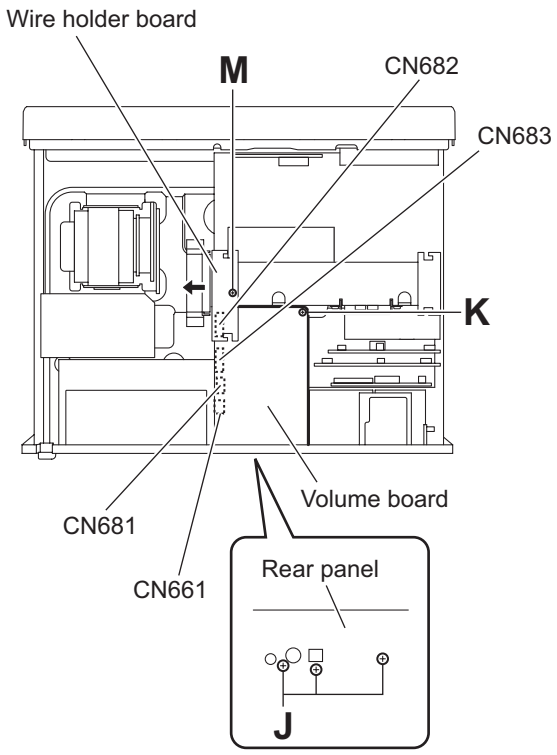


Fig.7

3.1.8 Removing the primary board (See Fig.8)

- Remove the top cover.

(1) From the top side of the main body, disconnect the wire from the connector CN101 on the main amplifier board.

Reference:
Remove the tie band bundling the wire.

(2) Disconnect the power cord from the connector CN120 on the primary board.
(3) Remove the four screws **N** attaching the primary board.

Reference:
When reassembling, attach the wire holder as before.

(4) Take out the primary board from the main body and remove the wires from the soldered sections **b** on the reverse side of the primary board.

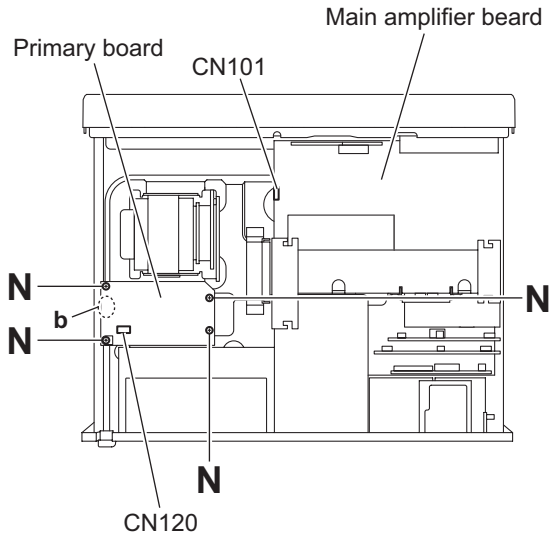


Fig.8

3.1.9 Removing the power transformer (See Fig.9)

• Remove the top cover.

Reference:

Remove the tie bands bundling the wires.

(1) Disconnect the wires from the connectors (CN106, CN111) on the main amplifier board.
(2) Remove the soldered sections **c** and remove the wires.
(3) Remove the four screws **P** and take out the power transformer from the main body.

3.1.10 Removing the trans primary board (See Fig.9)

• Remove the top cover.

Reference:

Remove the tie band bundling the wires.

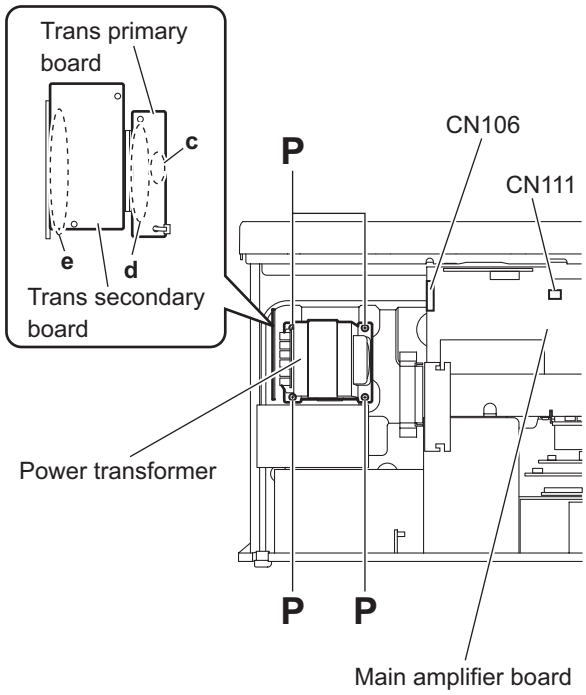
(1) Remove the wires from the soldered sections **c** and remove the wires.
(2) Remove the solders from the soldered sections **d** and remove the trans primary board.

3.1.11 Removing the trans secondary board (See Fig.9)

• Remove the top cover and power transformer.

From the side of the power transformer, remove the solders from the soldered sections **e** and remove the trans secondary board.

[For Australia/China]



[For Europe]

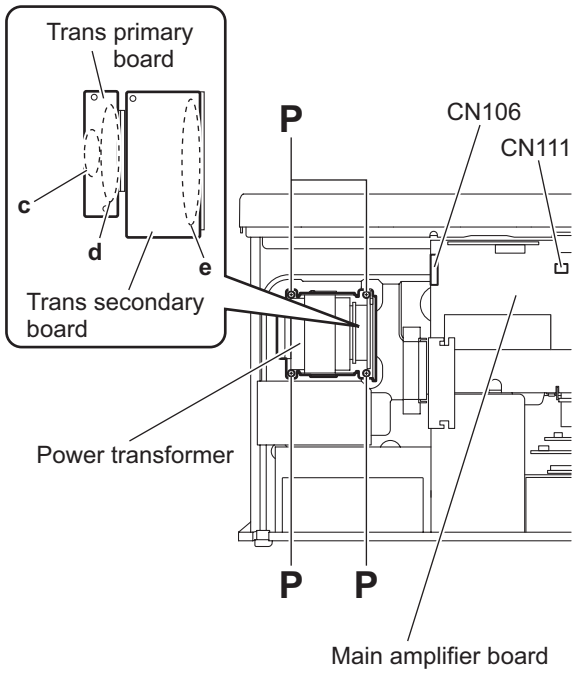


Fig.9

3.1.12 Removing the DCDC control board (See Fig.10)

- Remove the top cover.

Reference:

Remove the tie band bundling the wires.

Disconnect the connector CN151 on the DCDC control board from the main amplifier board in an upward direction.

Note:

When removing the DCDC control board, take care not to break the claw of the connector on the main amplifier board.

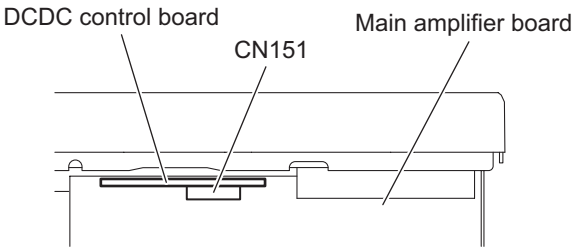


Fig.10

3.1.13 Removing the PWM modulation 1 board (See Fig.11)

- Remove the top cover.

Reference:

Remove the tie band bundling the wires.

(1) Disconnect the wire from the connector CN413 on the PWM modulation 2 board.

(2) Disconnect the wires from the connectors (CN311, CN312, CN313) on the PWM modulation 1 board.

(3) Disconnect the connector CN301 on the PWM modulation 1 board from the main amplifier board in an upward direction.

Note:

When removing the PWM modulation 1 board, take care not to break the claw of the connector on the main amplifier board.

3.1.14 Removing the PWM modulation 2 board (See Fig.11)

- Remove the top cover.

(1) From the top side of the main body, disconnect the wires from the connectors (CN411, CN412, CN413) on the PWM modulation 2 board.

(2) Disconnect the connector CN401 on the PWM modulation 2 board from the main amplifier board in an upward direction.

Note:

When removing the PWM modulation 2 board, take care not to break the claw of the connector on the main amplifier board.

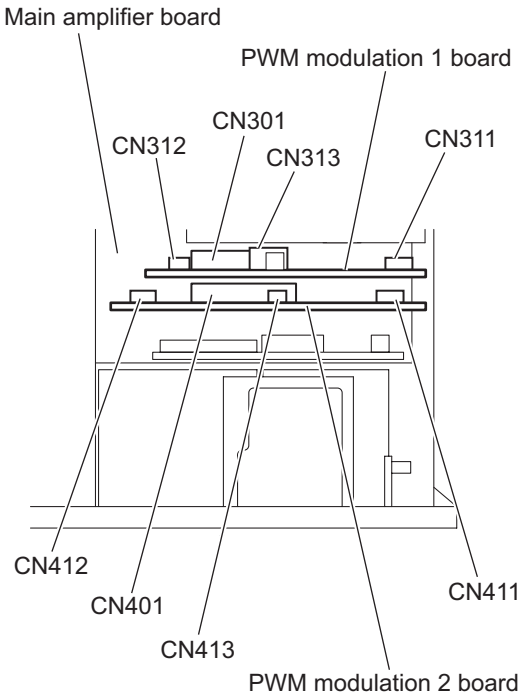


Fig.11

3.1.15 Removing the fan motor
(See Fig.12)

• Remove the top cover.

Reference:

Remove the tie band bundling the wires.

(1) Disconnect the wire from the connector CN103 on the main amplifier board.

(2) Remove the two screws **Q**.

Reference:

When attaching the fan motor assembly, attach the wire holder with it as before.

(3) Take out the fan motor assembly.

(4) Remove the two screws **R** attaching the fan motor to the fan bracket.

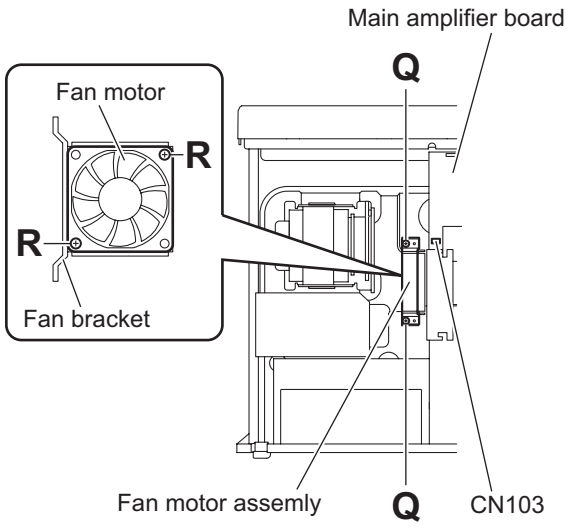


Fig.12

3.1.16 Removing the scart board
(See Fig.13) [For Europe]

• Remove the top cover.

(1) From the back side of the main body, remove the six screws **S** attaching the scart board to the rear panel.

(2) From the top side of the main body, disconnect the card wire from the connector CN537 on the scart board and take out the scart board from the main body.

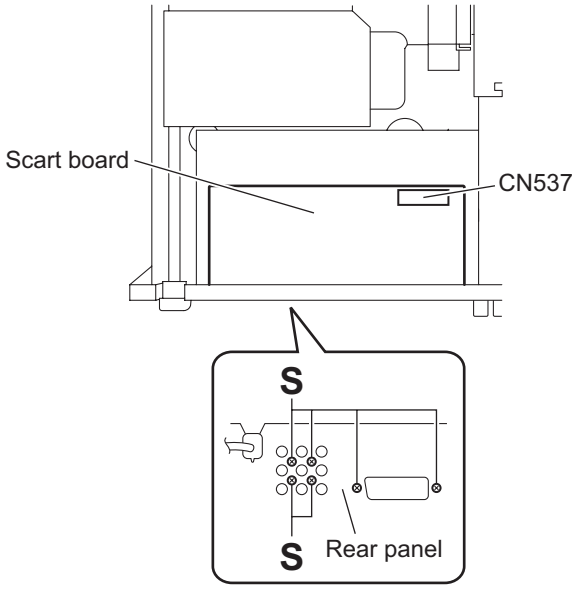


Fig.13

3.1.17 Removing the speaker terminal 1 and speaker terminal 2 boards
(See Fig. 14)

• Remove the top cover and rear panel.

Reference:

Remove the tuner and subwoofer board as required.

(1) From the top side of the main body, disconnect the wires from the connectors (CN261, CN461) on the speaker terminal 1 board.

(2) Take out the speaker terminal 1 board from the main body.

(3) Disconnect the wires from the connectors (CN209, CN262) on the speaker terminal 2 board.

(4) Take out the speaker terminal 2 board from the main body.

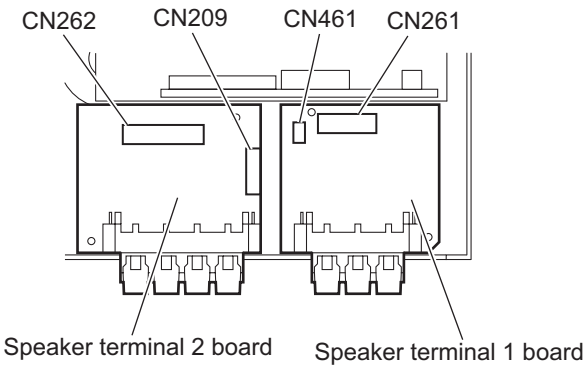


Fig.14

3.1.18 Removing the DSP connect board (See Fig.15)

• Remove the top cover, rear panel, tuner and volume board.

Disconnect the connector CN602 on the DSP connect board from the input board in an upward direction.

Note:

When removing the DSP connect board, take care not to break the claw of the connector on the input board.

3.1.19 Removing the input board (See Fig. 15)

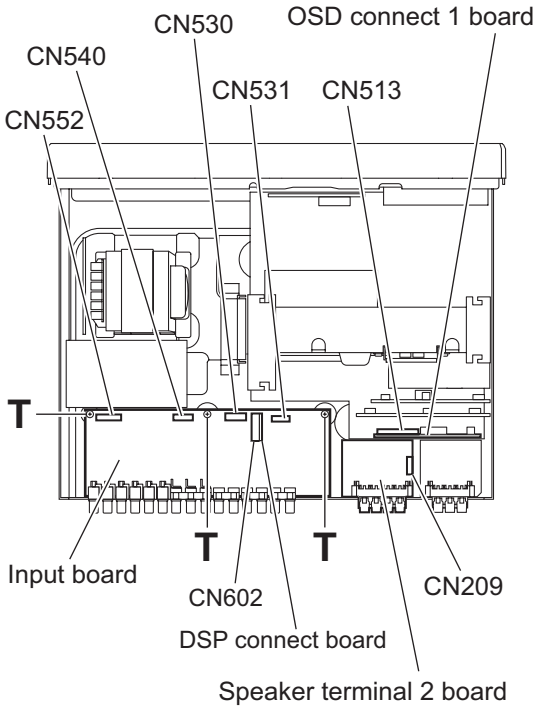
• Remove the top cover, rear panel, tuner, volume board, scart board and DSP connect board.

Reference:

Remove the tie bands bundling the wires.

(1) Disconnect the wire from the connector CN209 on the speaker terminal 2 board.
(2) Disconnect the wire from the connector CN513 on the OSD connect 1 board.
(3) Disconnect the wires from the connectors (CN530, CN531, CN552) on the input board.
(4) Disconnect the parallel wire from the connector CN540 on the input board.
(5) Remove the three screws **T** and take out the input board from the main body.

[For Australia/China]



[For Europe]

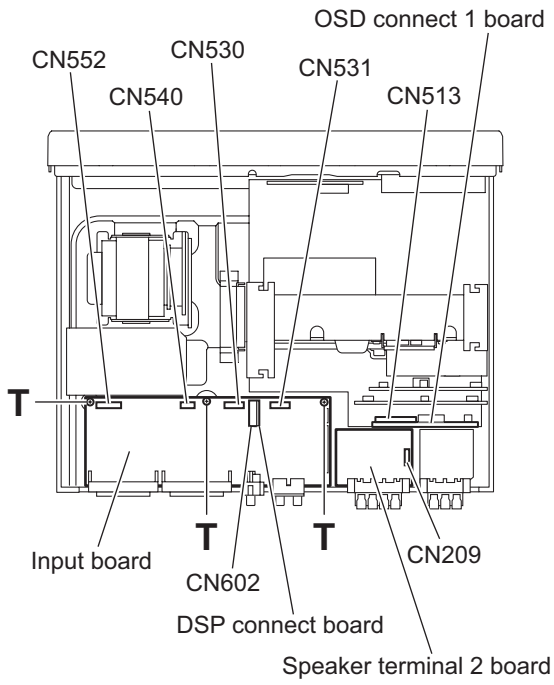


Fig.15

3.1.20 Removing the OSD connect 1 board (See Fig.16)

- Remove the top cover and volume board.

Reference:

Remove the tie band bundling the wires.

(1) Disconnect the wire from the connector CN524 on the sub-woofer board.
(2) Disconnect the wire from the connector CN513 on the OSD connect 1 board.
(3) Disconnect the connector CN522 on the OSD connect 1 board from the main amplifier board in an upward direction.

Note:

When removing the OSD connect 1 board, take care not to break the claw of the connector on the main amplifier board.

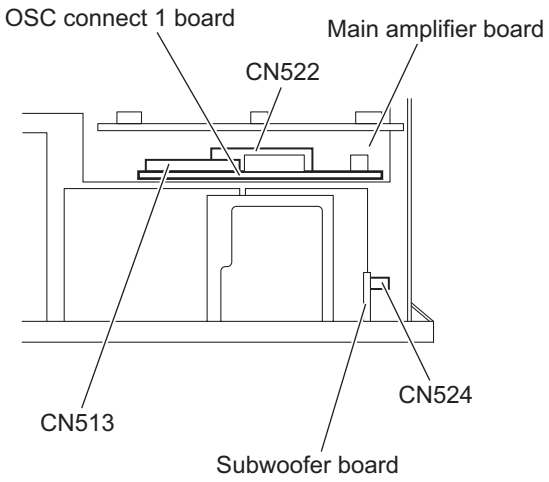


Fig.16

3.1.21 Removing the master clock board (See Fig.17)

- Remove the top cover, tuner, volume board, PWM modulation 1 board, PWM modulation 2 board and OSD connect 1 board.

(1) Remove the two screws **U** with a short driver and remove the transistor hold from the joints **f** of the heat sink.
(2) Disconnect the wire from the connector CN201 on the main amplifier board.
(3) Take out the master clock board from the main body.

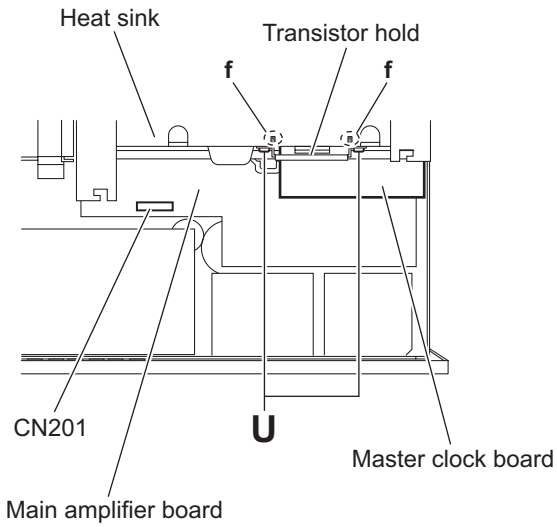


Fig.17

3.1.22 Removing the main amplifier board (See Figs.18 and 19)

- Remove the top cover, tuner, volume board, DCDC control board, PWM modulation 1 board, PWM modulation 2 board, OSD connect 1 board and master clock board.
  (1) Disconnect the wire from the connector CN261 on the speaker terminal 1 board. (See Fig.18.)
  (2) Disconnect the wire from the connector CN262 on the speaker terminal 2 board. (See Fig.18.)

  Reference:
  Remove the tie bands bundling the wires.
  (3) Disconnect the wires from the connectors (CN101, CN103, CN106, CN111, CN351) on the main amplifier board. (See Fig.18.)
  (4) Disconnect the card wire from the connector CN102 on the main amplifier board. (See Fig.18.)
  (5) Disconnect the wires from the connectors (CN530, CN531) on the input board. (See Fig.19.)
  (6) Disconnect the parallel wire from the connector CN540 on the input board. (See Fig.19.)
  (7) Remove the four screws **V** and two screws **W**. (See Fig.19.)
  (8) Take out the main amplifier board with the regulator board from the main body.

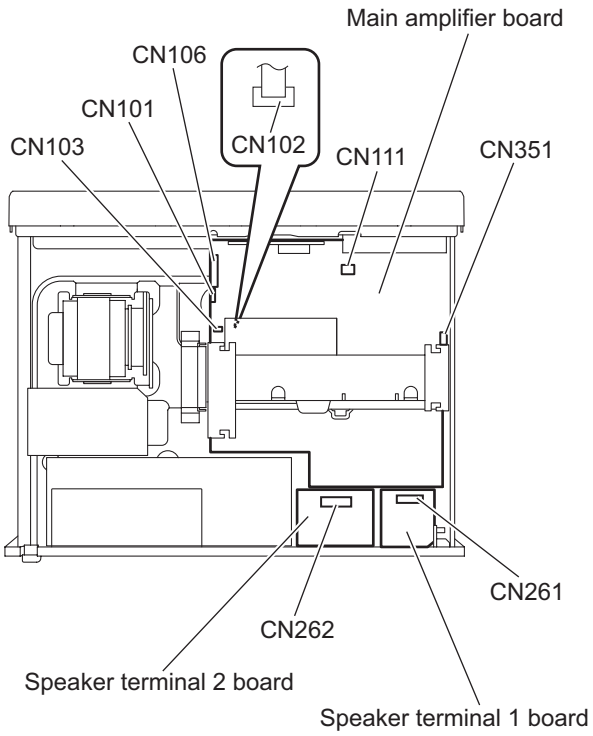


Fig.18

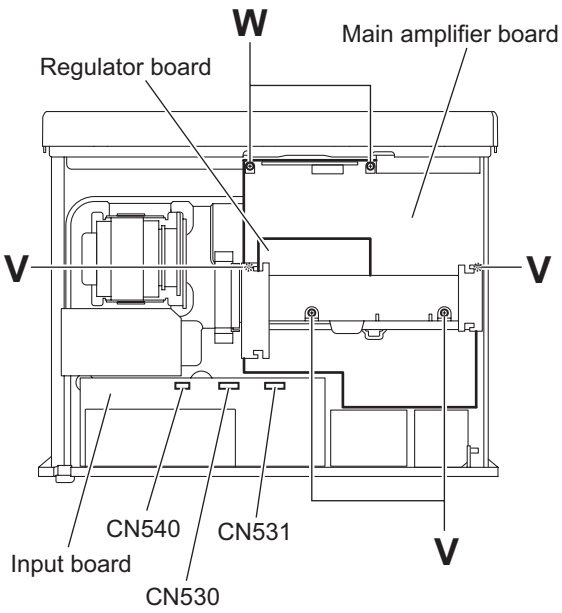


Fig.19

3.1.23 Removing the regulator board
(See Fig.20)

- Remove the top cover, tuner, volume board, DCDC control board, PWM modulation 1 board, PWM modulation 2 board, OSD connect 1 board, master clock board and main amplifier board.
  (1) From the forward side of the main amplifier board, disconnect the wire from the connector CN105.
  (2) Remove the two screws **X** attaching the regulator board.
  (3) Remove the regulator board and disconnect the parallel wire from the connector CN104 on the main amplifier board.

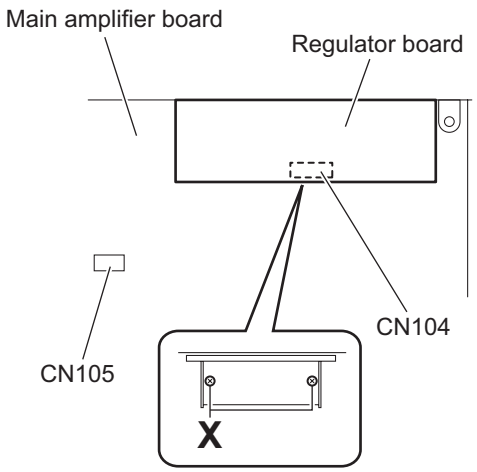


Fig.20

3.1.24 Removing the heat sink
(See Fig.21)

- Remove the top cover, tuner, volume board, DCDC control board, PWM modulation 1 board, PWM modulation 2 board, OSD connect 1 board, master clock board, main amplifier board and regulator board.
  (1) From the forward side of the main amplifier board, remove the screw **Y** and remove the wire holder board with the wires.
  (2) Remove the five screws **Z** to remove the heat sink.

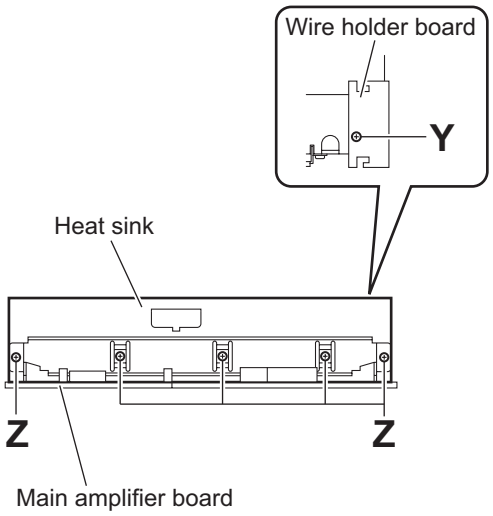


Fig.21

3.2 Front panel assembly section

• Remove the front panel assembly.
(See "3.1.2 Removing the front panel assembly".)

3.2.1 Removing the JOG board (See Figs. 1 and 2)

(1) From the inside of the front panel assembly, remove the four screws **A** attaching the JOG board. (See Fig.1.)
(2) Take out the JOG board while lifting it from the front panel assembly little by little.

Reference:
The master volume knob and MULTI JOG knob are removed from the front side simultaneously. (See Fig.2.)

(3) From the forward side of the JOG board, disconnect the wire from the connector CN913. (See Fig.1)

3.2.2 Removing the OSD connect 2 board (See Fig. 1)

(1) From the inside of the front panel assembly, remove the two screws **A** attaching the OSD connect 2 board.
(2) Disconnect the wire from the connector CN914 on the FL board.

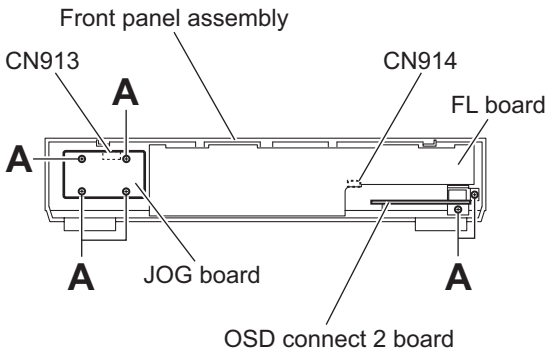


Fig.1

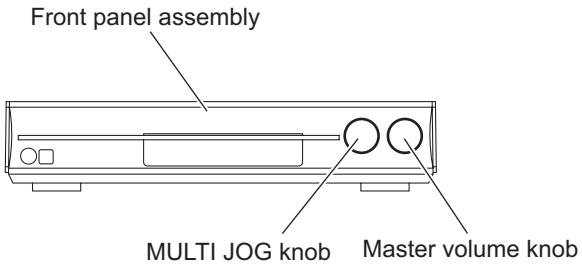


Fig.2

3.2.3 Removing the FL board (See Fig. 3)

• Remove the JOG board.
(1) Disconnect the wire from the connector CN914 on the FL board.
(2) Remove the eight screws **A** and take out the FL board.

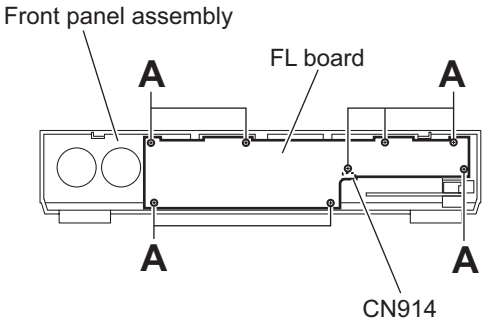


Fig.3

SECTION 4
ADJUSTMENT

This service manual does not describe ADJUSTMENT.

SECTION 5
TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.

JVC
Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB418)

Printed in Japan
VPT

PARTS LIST

[RX-D201S] [RX-D202B]

* All printed circuit boards and its assemblies are not available as service parts.

RX-D201S
Area suffix A ---------- Australia B ---------- U.K. E ---------- Continental Europe EN ---------- Northern Europe EV ---------- Eastern Europe UF ---------- China

RX-D202B
Area suffix E ---------- Continental Europe

- Contents -

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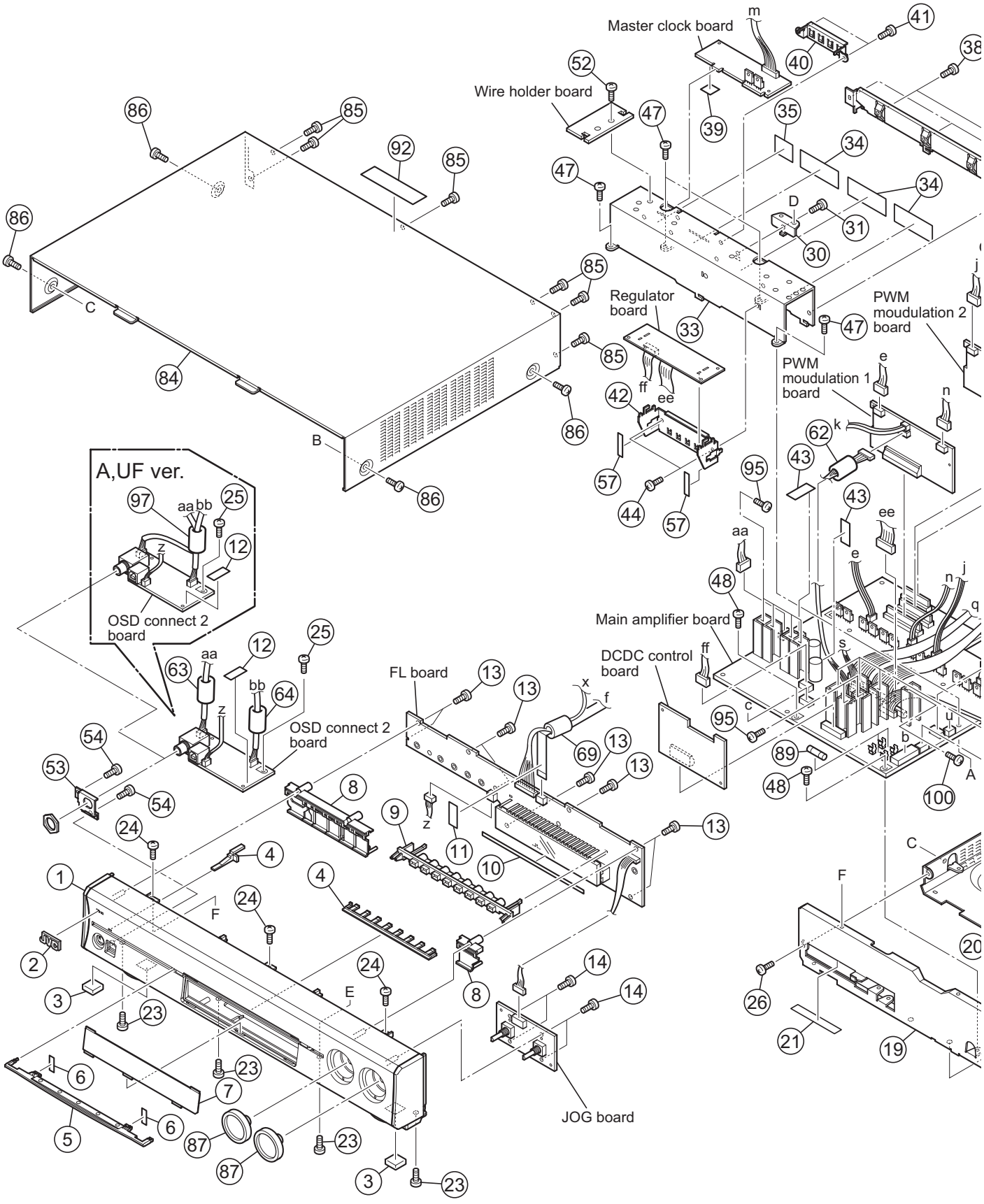
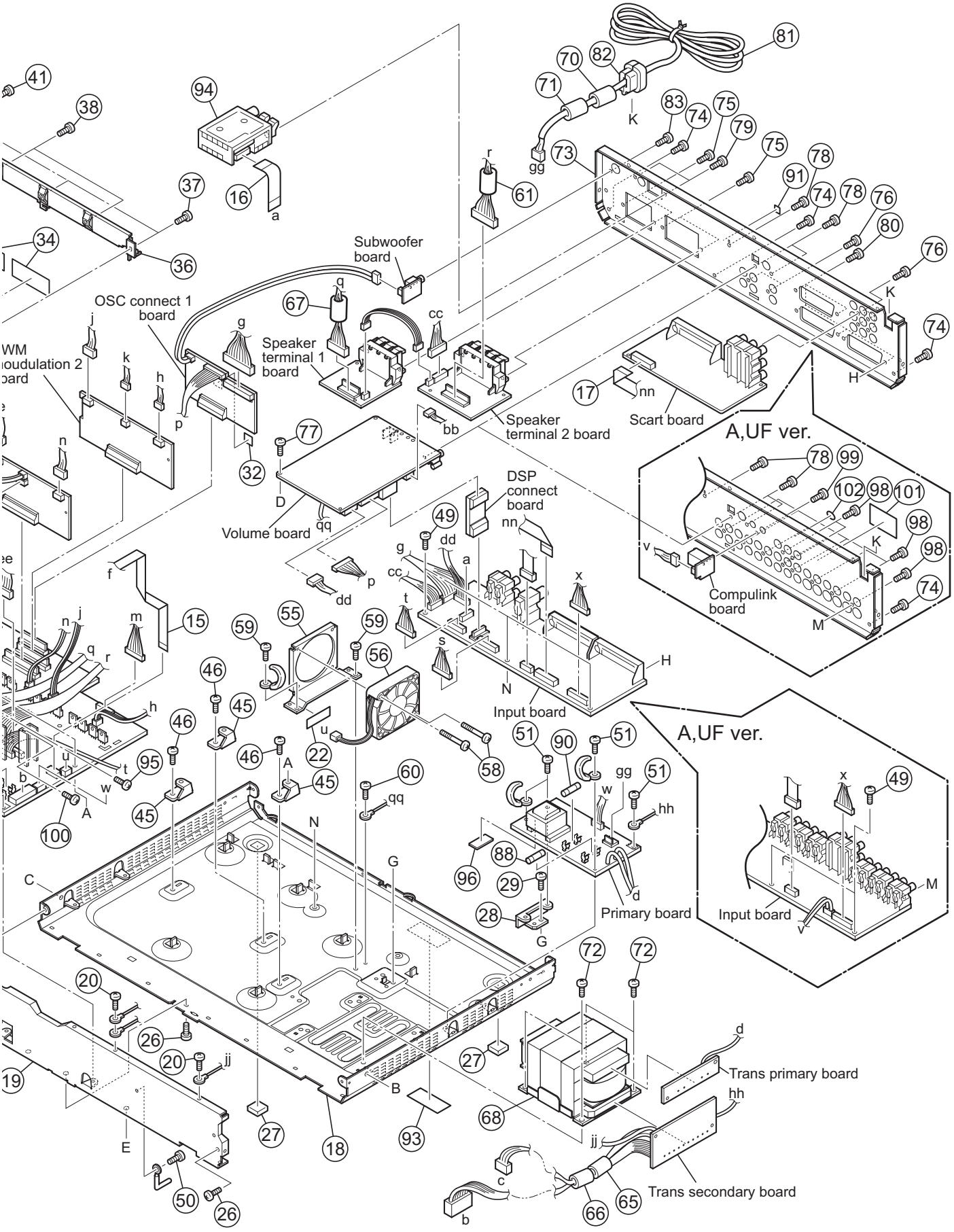
Electrical parts list (Block No.01~04) ---------- 3- 6
Packing materials and accessories parts list (Block No.M3)---------- 3-28

Exploded view of general assembly and parts list

Block No. M 1 M M




Subwoofer board
OSC connect 1 board
Speaker terminal 1 board
Speaker terminal 2 board
Scart board
Volume board
DSP connect board
Input board
Primary board
Compulink board
Trans primary board
Trans secondary board
A,UF ver.
A,UF ver.

General Assembly

Block No. [M][1][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	1	LV11052-020A	FRONT PANEL		D201SB,D201SE,D201SEN,D201SEV
	1	LV11052-024A	FRONT PANEL		D201SA,D201SUF
	1	LV11052-021A	FRONT PANEL		D202BE
	2	LV43338-002A	JVC MARK		
	3	LV43622-002A	FOOT	(x2)	
	4	LV35714-001A	SOURCE INDICATO		
	5	LV21918-005A	LIGHT LENS		D201SA,D201SB,D201SE,D201SEN,D201SEV,D201SUF
	5	LV21918-002A	LIGHT LENS		D202BE
	6	LV30225-0P9A	SPACER	(x2)	
	7	LV35712-001A	FRONT LENS		
	8	LV21919-005A	PUSH BUTTON		D201SA,D201SB,D201SE,D201SEN,D201SEV,D201SUF
	8	LV21919-006A	PUSH BUTTON		D202BE
	9	LV21920-001A	LED HOLDER		
	10	LV30227-001A	SPACER		
	11	LV30225-0F4A	SPACER		
	12	LV30225-0F4A	SPACER		
	13	QYSBSF2608ZA	TAP SCREW	M2.6 x 8mm(x8)	
	14	QYSBSF2608ZA	TAP SCREW	M2.6 x 8mm(x4)	
	15	QUQ412-0519CJ-E	FFC WIRE	5pin 19cm	
	16	QUQ412-1117CJ-E	FFC WIRE	11pin 17cm	
	17	QUQ412-2010CJ-E	FFC WIRE	20pin 10cm	D201SB,D201SE,D201SEN,D201SEV,D202BE
	18	LV11051-002A	CHASSIS BASE		
	19	LV11055-002A	FRONT BRACKET		
	20	QYSBST3005EA	TAP SCREW	M3 x 5mm(x2)	D201SA,D201SB,D201SE,D201SEN,D201SEV,D202BE
	21	LV30225-071A	SPACER		
	22	LV30225-0F4A	SPACER		
	23	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x4)	
	24	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x3)	
	25	QYSBSG3006ZA	TAP SCREW	M3 x 6mm	
	26	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x3)	
	27	LV43622-002A	FOOT	(x2)	
	28	LV34679-001A	PWB BRACKET		
	29	QYSBST3005EA	TAP SCREW	M3 x 5mm	
	30	LV34682-001A	C.B BRACKET		
	31	QYSBSG3006ZA	TAP SCREW	M3 x 6mm	
	32	LV30225-0D4A	SPACER		
	33	LV21923-001A	HEAT SINK		
	34	LV43915-003A	COOLING RUBBER	(x3)	
	35	LV43915-004A	COOLING RUBBER		
	36	LV35721-001A	FET BRACKET		
	37	QYSDSG3005EA	TAP SCREW	M3 x 5mm(x3)	
	38	QYSDSG3005EA	TAP SCREW	M3 x 5mm(x2)	
	39	LV30225-0D4A	SPACER		
	40	LV35043-002A	TRANSISTOR HOLD		
	41	QYSBSG3010ZA	TAP SCREW	M3 x 10mm(x2)	
	42	LV35735-001A	TR BRACKET		
	43	LV30225-0F4A	SPACER	(x2)	
	44	QYSBSG3010ZA	TAP SCREW	M3 x 10mm(x2)	
	45	E68587-223SM	CB BKT	(x3)	
	46	QYSBST3005EA	TAP SCREW	M3 x 5mm(x3)	
	47	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x4)	
	48	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x2)	
	49	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x3)	
	50	QYSBSG3006ZA	TAP SCREW	M3 x 6mm	
	51	QYSBSG3006ZA	TAP SCREW	M3 x 6mm(x4)	
	52	QYSBSG3010ZA	TAP SCREW	M3 x 10mm	
	53	LV44156-001A	H/P BRACKET		
	54	QYSBSF2608ZA	TAP SCREW	M2.6 x 8mm(x2)	
	55	LV35723-001A	FAN BRACKET		
	56	QAR0312-001	FAN MOTOR		
	57	LV30225-0F4A	SPACER	(x2)	
	58	QYSBSG3020ZA	TAP SCREW	M3 x 20mm(x2)	
	59	QYSBST3005EA	TAP SCREW	M3 x 5mm(x2)	
	60	QYSBST3005EA	TAP SCREW	M3 x 5mm	D201SB,D201SE,D201SEN,D201SEV,D202BE
	61	QQR0491-001	FERRITE CORE	TDK (GRAY)	
	62	QQR0491-001	FERRITE CORE	TDK (GRAY)	D201SB,D201SE,D201SEN,D201SEV,D202BE
	63	QQR0491-001	FERRITE CORE	TDK (GRAY)	D201SB,D201SE,D201SEN,D201SEV,D202BE
	64	QQR0491-001	FERRITE CORE	TDK (GRAY)	D201SB,D201SE,D201SEN,D201SEV,D202BE
	65	QQR0491-001	FERRITE CORE	TDK (GRAY)	
	66	QQR0491-001	FERRITE CORE	TDK (GRAY)	
	67	QQR0491-001	FERRITE CORE	TDK (GRAY)	
⚠	68	QQT0485-003	POWER TRANSF		D201SA,D201SUF
⚠	68	QQT0485-002	POWER TRANSF		D201SB,D201SE,D201SEN,D201SEV,D202BE
	69	QQR0491-001	FERRITE CORE	TDK (GRAY)	

⚠	Symbol No.	Part No.	Part Name	Description	Local
	70	QQR0491-001	FERRITE CORE	TDK (GRAY)	
	71	QQR0491-001	FERRITE CORE	TDK (GRAY)	D201SB,D201SE,D201SEN,D201SEV,D202BE
	72	QYSDSTL4006EA	TAP SCREW	M4 x 6mm(x4)	
	73	LV21924-053A	REAR PANEL		D201SA
	73	LV21924-002A	REAR PANEL		D201SB,D201SE,D201SEN
	73	LV21924-003A	REAR PANEL		D201SEV
	73	LV21924-046A	REAR PANEL		D201SUF
	73	LV21924-009A	REAR PANEL		D202BE
	74	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	75	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x4)	
	76	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x6)	D201SB,D201SE,D201SEN,D201SEV,D202BE
	77	QYSBST3006ZA	TAP SCREW	M3 x 6mm	
	78	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	79	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x2)	
	80	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x6)	D201SB,D201SE,D201SEN,D201SEV,D202BE
⚠	81	QMPG150-244-JC	POWER CORD(EU)	2.44m BLACK	D201SA
⚠	81	QMPN160-200-JD	POWER CORD(EU)	2m BLACK	D201SB
⚠	81	QMPR480-200-JC	POWER CORD(EU)	2m BLACK	D201SUF
⚠	81	QMPK210-205-JN	POWER CORD(EU)	2.05m BLACK	D201SE,D201SEN,D201SEV,D202BE
⚠	82	QZW0033-001	STRAIN RELIEF		
	83	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	84	LV21925-001A	TOP COVER		D201SA,D201SB,D201SE,D201SEN,D201SEV,D201SUF
	84	LV21925-002A	TOP COVER		D202BE
	85	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x6)	
	86	QYSDSG3008NA	TAP SCREW	M3 x 8mm(x4)	D201SA,D201SB,D201SE,D201SEN,D201SEV,D201SUF
	86	QYSDSG3008MA	TAP SCREW	M3 x 8mm(x4)	D202BE
	87	LV44151-007A	ROTARY KNOB ASS	(x2)	D201SA,D201SB,D201SE,D201SEN,D201SEV,D201SUF
	87	LV44151-002A	ROTARY KNOB ASS	(x2)	D202BE
⚠	88	QMF51W2-2R5-J8	FUSE	F103 2.5A AC250V	
⚠	89	QMF51W2-2R0-J8	FUSE	F101 F102 2A AC250V(x2)	
⚠	90	QMF5AE2-R10-J1	FUSE	F104 0.1A AC250V	
	91	LV44385-001A	RECYCLE LABEL		D201SB,D201SE,D201SEN,D201SEV,D202BE
	92	E409396-003	CAUTION LABEL		
	93	LV43550-004A	LABEL		
	94	QAU0346-001	TUNER	TU 1	D201SA,D201SUF
	94	QAU0347-001	TUNER		D201SB,D201SE,D201SEN,D201SEV,D202BE
	95	QYSBSG3008EA	TAP SCREW	M3 x 8mm(x9)	
	96	LV30227-028A	SPACER		D201SA,D201SUF
	97	QQR0491-001	FERRITE CORE	TDK (GRAY)	D201SA,D201SUF
	98	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x10)	D201SA,D201SUF
	99	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	D201SA,D201SUF
	100	QYSBSG3008EA	TAP SCREW	M3 x 8mm	D201SA,D201SUF
	101	LV30092-0H3A	UF LABEL		D201SUF
	102	LV43268-001A	CCC LABEL		D201SUF

Electrical parts list

Front board

Block No. [0][1]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW12	QUB111-15DMPP-E	SIN CR C-B WIRE		
PW13	QUB220-14DMHP-E	SNAPIN-RINGWIRE		D201SB,D201SE, D201SEN,D201SEV, D202BE
PW151	QUB111-13PPPP-E	SIN TWIST WIRE		D201SA,D201SUF
PW153	QUB116-15PPPP-E	SIN TWIST WIRE		
PW155	QUB111-15PPPP-E	SIN TWIST WIRE		D201SB,D201SE, D201SEN,D201SEV, D202BE
PW156	QUB112-15PPPP-E	SIN TWIST WORE		D201SA
PW157	QUB112-15PPPP-E	SIN TWIST WORE		D201SUF
PW902	QUB220-15DMHP-E	SIN TWIST WIRE		
PW904	QUB111-13DMPP-E	SIN TWIST WIRE		D201SA,D201SB, D201SE,D201SEV
PW904	QUB111-10DMPP-E	SIN TWIST WIRE		D201SEN,D201SUF, D202BE
PW911	QUB220-15DMHP-E	SIN TWIST WIRE		
IC111	NJM2125F-X	IC		
IC112	NJM2403M-X	IC		
IC113	SN74HC00ANS-X	IC		
IC115	SN74HC74ANS-X	IC		
IC121	KIA7805API	IC		
IC211	SN74HCU04ANS-X	IC		
IC212	SN74HC00ANS-X	IC		
IC213	SN74HC08NS-X	IC		
IC214	SN74HC74ANS-X	IC		
IC901	MN101C35DMF	IC		
IC902	GP1UM281XKVF	IR DETECT UNIT		
Q291	KTC3875/YG/-X	SI TRANSISTOR		
⚠ Q441	2SD2394/EF/	TRANSISTOR		
⚠ Q444	KTA1046/Y/	TRANSISTOR		
Q445	2SC2812N/6/-X	TRANSISTOR		
Q891	KTC3875/YG/-X	SI TRANSISTOR		
Q910	KRC107S-X	DIGI TRANSISTOR		D201SA,D201SEN, D201SUF,D202BE
Q924	KRA107S-X	DIGI TRANSISTOR		
Q925	KRA107S-X	DIGI TRANSISTOR		
Q1001	KRC105S-X	DIGI TRANSISTOR		
Q1103	KTA1268/GL/-T	TRANSISTOR		
Q1151	KRC102S-X	DIGI TRANSISTOR		
Q1152	KRC102S-X	DIGI TRANSISTOR		
Q1171	KTC3875/YG/-X	SI TRANSISTOR		
Q1172	KRC102S-X	DIGI TRANSISTOR		
Q1173	KTA1504/YG/-X	SI TRANSISTOR		
Q1174	KTC3875/YG/-X	SI TRANSISTOR		
Q1291	KTC3875/YG/-X	SI TRANSISTOR		
Q1491	KTC3875/YG/-X	SI TRANSISTOR		
D241	1SS133-T2	SI DIODE		
D242	1SS133-T2	SI DIODE		
D291	1SS133-T2	SI DIODE		
D341	UDZS2.7B-X	Z DIODE		
D391	1SS133-T2	SI DIODE		
D441	MTZJ20C-T2	Z DIODE		
D442	MTZJ24B-T2	Z DIODE		
D444	MTZJ11C-T2	Z DIODE		
D491	1SS133-T2	SI DIODE		
D512	UDZS6.2B-X	Z DIODE		D201SA,D201SUF
D891	1SS133-T2	SI DIODE		
D907	SLR-343VC-T	LED		
D910	MA111-X	SI DIODE		D201SA,D201SEN, D201SUF,D202BE
D917	SLR-343VC-T	LED		
D918	SLR-343VC-T	LED		
D919	SLR-343VC-T	LED		
D920	SLR-343VC-T	LED		
D921	SLR-343VC-T	LED		
D922	SLR-343VC-T	LED		
D1001	1SS133-T2	SI DIODE		
D1151	1SS133-T2	SI DIODE		
D1152	1SS133-T2	SI DIODE		
D1153	1SS133-T2	SI DIODE		
D1154	UDZS2.7B-X	Z DIODE		
D1155	1SS133-T2	SI DIODE		
D1172	1SS133-T2	SI DIODE		
D1173	1SS133-T2	SI DIODE		
D1174	1SS133-T2	SI DIODE		
C121	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	D201SA,D201SUF
C121	QCFB1HZ-474Y	C CAPACITOR	0.47uF 50V Z	D201SB,D201SE, D201SEN,D201SEV, D202BE
C241	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C242	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C243	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C244	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C245	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C246	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C247	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C248	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C249	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C291	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C292	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	D201SA,D201SUF
C292	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C293	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	D201SA,D201SUF
C293	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C341	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C391	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C392	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	D201SA,D201SUF
C392	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C393	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	D201SA,D201SUF
C393	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C441	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C442	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C443	QETN1VM-107Z	E CAPACITOR	100uF 35V M	
C491	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C492	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	D201SA,D201SUF
C492	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C493	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	D201SA,D201SUF
C493	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C891	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C892	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	D201SA,D201SUF
C892	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C893	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	D201SA,D201SUF
C893	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C901	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C903	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C904	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C905	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C906	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z	
C907	QEKC0JM-107Z	E CAPACITOR	100uF 6.3V M	
C908	QEKC0JM-107Z	E CAPACITOR	100uF 6.3V M	
C909	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C910	QER61HM-475Z	E CAPACITOR	4.7uF 50V M	
C911	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C912	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C913	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C914	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C915	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C918	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C921	NCB31HK-102X	C CAPACITOR	1000pF 50V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C925	NDC31HJ-331X	C CAPACITOR	330pF 50V J	D201SB,D201SE, D201SEN,D201SEV, D202BE
C926	NDC31HJ-331X	C CAPACITOR	330pF 50V J	D201SB,D201SE, D201SEN,D201SEV, D202BE
C927	NDC31HJ-331X	C CAPACITOR	330pF 50V J	D201SB,D201SE, D201SEN,D201SEV, D202BE
C928	NDC31HJ-331X	C CAPACITOR	330pF 50V J	D201SB,D201SE, D201SEN,D201SEV, D202BE
C929	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C931	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C932	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C933	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C934	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C935	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C936	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
⚠ C1001	QCZ9104-472	C CAPACITOR	4700pF	
⚠ C1002	QFZ9075-224	MPP CAPACITOR	0.22uF AC275V M	
C1003	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
C1004	QCZ9079-102	C CAPACITOR	1000pF AC250V M	
C1151	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C1152	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1153	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1154	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1155	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1156	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1157	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1158	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1159	NCB31HK-821X	C CAPACITOR	820pF 50V K	
C1172	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1173	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1174	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1181	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1182	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1291	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C1292	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	D201SA,D201SUF
C1292	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C1293	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	D201SA,D201SUF
C1293	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C1391	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C1392	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	D201SA,D201SUF
C1392	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C1393	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	D201SA,D201SUF
C1393	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C1491	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C1492	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	D201SA,D201SUF
C1492	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C1493	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	D201SA,D201SUF
C1493	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	D201SB,D201SE, D201SEN,D201SEV, D202BE
C1583	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C6577	NCB31HK-221X	C CAPACITOR	220pF 50V K	D201SA,D201SUF
C6578	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z	D201SA,D201SUF
R241	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R242	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R243	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R244	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R245	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R246	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R247	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R341	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R342	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
⚠ R441	QRK126J-4R7X	UNF C RESISTOR	4.7Ω 1/2W J	
⚠ R442	QRK126J-362X	UNF C RESISTOR	3.6kΩ 1/2W J	
R443	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
⚠ R444	QRJ146J-182X	UNF C RESISTOR	1.8kΩ 1/4W J	
⚠ R891	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J	
R901	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R902	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R903	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R904	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R905	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R906	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R907	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R908	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R909	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R910	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R911	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R912	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R913	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R914	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R915	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	D201SA,D201SUF
R916	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	D201SA,D201SUF
R919	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R920	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R930	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R931	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R932	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R933	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R935	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R936	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	D201SA,D201SEN, D201SUF,D202BE
R937	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R938	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R939	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R940	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R941	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R942	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R943	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R944	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R947	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R948	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R949	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R950	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R953	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R954	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R955	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R956	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R995	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R996	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R997	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
⚠ R1002	QRZ9037-335	COMP RESISTOR	3.3MΩ 1/2W K	
R1114	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1151	NRSA63J-362X	MG RESISTOR	3.6kΩ 1/16W J	
R1152	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1153	NRSA63F-222X	MG RESISTOR	2.2kΩ 1/16W F	
R1154	NRSA63F-332X	MG RESISTOR	3.3kΩ 1/16W F	
R1155	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1156	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	
R1157	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1158	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1159	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1160	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1161	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1162	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1163	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1164	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1165	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1166	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1169	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1170	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1172	NRSA02J-332X	MG RESISTOR	3.3kΩ 1/10W J	
R1173	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1174	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1175	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1176	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1178	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R1179	NRSA63F-332X	MG RESISTOR	3.3kΩ 1/16W F	
R1180	NRSA63J-133X	MG RESISTOR	13kΩ 1/16W J	
R1181	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
⚠R1291	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J	
⚠R1391	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J	
⚠R1491	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J	
R1575	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	D201SA,D201SB, D201SE,D201SEV
R6595	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	D201SA,D201SUF
⚠T102	QQT0281-006	POWER TRANSF		D201SA,D201SUF
⚠T102	QQT0478-002	POWER TRANSF		D201SB,D201SE, D201SEN,D201SEV, D202BE
BK901	LV34673-001A	FL HOLDER(L)		
BK902	LV34687-001A	FL HOLDER(R)		
CN120	QGA7901C1-02	CONNECTOR	W-B (1-2)	
CN151	QGB2510K1-12	CONNECTOR	B-B (1-12)	
CN202	QJK002-071802-E	SIN CR C-B WIRE		
CN206	WJK0208-002A-E	E-SI C WIRE C-B		
CN209	QGA2501C1-06	CONNECTOR	W-B (1-6)	
CN211	QJK012-033803-E	SIN CR C-B WIRE		
CN261	QGA3901C1-06	CONNECTOR	W-B (1-6)	
CN262	QGA3901C1-08	CONNECTOR	W-B (1-8)	
CN461	QGA2001C1-03	CONNECTOR	W-B (1-3)	
CN524	QGA2501C1-02	CONNECTOR	W-B (1-2)	
CN565	QGA2501C1-02	CONNECTOR	W-B (1-2)	D201SA,D201SUF
CN902	QGF1205F1-05	CONNECTOR	FFC/FPC (1-5)	
CN903	QJK021-070802-E	SIN CR C-B		
CN913	QGA2001F1-07	CONNECTOR	W-B (1-7)	
CN914	QGA2001F1-03	CONNECTOR	W-B (1-3)	
CN952	QJK021-124402-E	SIN CR C-B WIRE		
DI901	QLF0157-001	FL TUBE		
EP151	QNZ0136-001Z	EARTH PLATE		
FC103	QNG0020-001Z	FUSE CLIP		
FC104	QNG0020-001Z	FUSE CLIP		
FC113	QNG0020-001Z	FUSE CLIP		
FC114	QNG0020-001Z	FUSE CLIP		
FS181	VYSH101-009	SPACER		
FS900	VYSH101-009	SPACER		
FS901	VYSH101-009	SPACER		
FW121	WJS0047-002A-E	E-FL/RB WIRE		
FW451	WJS0046-003A-E	E-FL/RB WIRE		
J504	QNN0545-002	SURROUND JACK		D201SA,D201SB, D201SE,D201SEV, D201SUF
J504	QNN0480-001	PIN JACK		D201SEN,D202BE
J505	QNS0089-001	3.5 JACK		D201SA,D201SUF
JS901	QSW1129-001	ROTARY ENCODER		
JS902	QSW1129-001	ROTARY ENCODER		
⚠RY101	QSK0142-001	RELAY		D201SA,D201SUF
⚠RY101	QSK0128-001	RELAY		D201SB,D201SE, D201SEN,D201SEV, D202BE
⚠RY291	QSK0127-001	RELAY		
⚠RY391	QSK0127-001	RELAY		
⚠RY491	QSK0127-001	RELAY		
⚠RY891	QSK0127-001	RELAY		
S901	QSW0683-001Z	PUSH SW		
S902	QSW0683-001Z	PUSH SW		
S903	QSW0683-001Z	PUSH SW		
S904	QSW0683-001Z	PUSH SW		
S905	QSW0683-001Z	PUSH SW		
S906	QSW0683-001Z	PUSH SW		
ST291	QNB0016-001	SPK TERMINAL		
ST292	QNB0256-001	IC		
X241	QAX0734-001	C RESONATOR	400.00kHz	
X242	QAX0735-001	C RESONATOR	420.00kHz	
X901	QAX0246-001Z	C RESONATOR	8.00MHz	

Amplifier board

Block No. [0][2]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC101	IRS2011S-X	IC		
⚠IC151	KIA7805API	IC		
⚠IC152	KIA7809API	IC		
⚠IC153	KIA7805API	IC		
IC201	JCV8015-X	IC		
IC202	SN74LVC3G04T-X	IC		
IC251	IRS20124S-X	IC		
IC261	IRS20124S-X	IC		
IC301	JCV8015-X	IC		
IC302	SN74LVC3G04T-X	IC		
IC351	IRS20124S-X	IC		
IC361	IRS20124S-X	IC		
IC401	JCV8015-X	IC		
IC451	IRS20124S-X	IC		
IC461	IRS20124S-X	IC		
IC801	JCV8015-X	IC		
IC851	IRS20124S-X	IC		
⚠Q101	KTD863/Y/-T	TRANSISTOR		
⚠Q102	KTA1046/Y/	TRANSISTOR		
Q103	KTC3200/GL/-T	TRANSISTOR		
Q151	KRA102S-X	DIGI TRANSISTOR		
Q152	KRC102S-X	DIGI TRANSISTOR		
⚠Q153	2SD2394/EF/	TRANSISTOR		
Q154	KRC102S-X	DIGI TRANSISTOR		
⚠Q157	2SD2394/EF/	TRANSISTOR		
⚠Q158	KTA1046/Y/	TRANSISTOR		
Q161	KRC111S-X	TRANSISTOR		
Q162	KRC111S-X	TRANSISTOR		
Q163	KRC111S-X	TRANSISTOR		
⚠Q171	2SD2394/EF/	TRANSISTOR		
⚠Q173	2SD2394/EF/	TRANSISTOR		D201SA,D201SUF
⚠Q174	2SD2394/EF/	TRANSISTOR		
⚠Q175	2SD2394/EF/	TRANSISTOR		
Q201	KTA1268/GL/-T	TRANSISTOR		
Q211	KTC3875/YG/-X	SI TRANSISTOR		
Q214	KRC102M-T	DIGI TRANSISTOR		
Q251	KTA1504/YG/-X	SI TRANSISTOR		
Q261	IRFB4212	FET		
Q262	IRFB4212	FET		
Q281	KRC109M-T	DIGI TRANSISTOR		
Q282	KRA102M-T	DIGI TRANSISTOR		
Q283	KTC3200/GL/-T	TRANSISTOR		
Q284	KTA1268/GL/-T	TRANSISTOR		
Q285	KTC3199/GL/-T	TRANSISTOR		
Q286	KRC102M-T	DIGI TRANSISTOR		
Q301	KTA1268/GL/-T	TRANSISTOR		
Q351	KTA1504/YG/-X	SI TRANSISTOR		
Q361	IRFB4212	FET		
Q362	IRFB4212	FET		
Q401	KTA1268/GL/-T	TRANSISTOR		
Q451	KTA1504/YG/-X	SI TRANSISTOR		
Q461	IRFB4212	FET		
Q462	IRFB4212	FET		
Q801	KTA1268/GL/-T	TRANSISTOR		
Q851	KTA1504/YG/-X	SI TRANSISTOR		
Q861	IRFB4212	FET		
Q862	IRFB4212	FET		
⚠Q1101	2SK3599-01MR	POWER MOS FET		
⚠Q1102	2SK3599-01MR	POWER MOS FET		
Q1104	KTA1268/GL/-T	TRANSISTOR		
Q1201	KTA1268/GL/-T	TRANSISTOR		
Q1251	KTA1504/YG/-X	SI TRANSISTOR		
Q1261	IRFB4212	FET		
Q1262	IRFB4212	FET		
Q1301	KTA1268/GL/-T	TRANSISTOR		
Q1351	KTA1504/YG/-X	SI TRANSISTOR		
Q1361	IRFB4212	FET		
Q1362	IRFB4212	FET		
Q1401	KTA1268/GL/-T	TRANSISTOR		
Q1451	KTA1504/YG/-X	SI TRANSISTOR		
Q1461	IRFB4212	FET		
Q1462	IRFB4212	FET		

⚠ Symbol No.	Part No.	Part Name	Description	Local
⚠ D101	1A3G-T1	SI DIODE		
⚠ D102	1A3G-T1	SI DIODE		
⚠ D103	1A3G-T1	SI DIODE		
⚠ D104	1A3G-T1	SI DIODE		
D105	MTZJ12C-T2	Z DIODE		D201SA,D201SUF
D106	MTZJ6.2B-T2	Z DIODE		
D107	1A3G-T1	SI DIODE		
D108	1A3G-T1	SI DIODE		
⚠ D109	10DDA20-FD	DIODE		
⚠ D110	10DDA20-FD	DIODE		
⚠ D111	10DDA20-FD	DIODE		
⚠ D112	10DDA20-FD	DIODE		
⚠ D113	1A3G-T1	SI DIODE		
⚠ D114	1A3G-T1	SI DIODE		
⚠ D115	1A3G-T1	SI DIODE		
D116	MTZJ36C-T2	Z DIODE		
D117	MTZJ8.2C-T2	Z DIODE		
D152	1SS133-T2	SI DIODE		
D153	MTZJ13B-T2	Z DIODE		D201SA,D201SUF
D153	MTZJ15A-T2	Z DIODE		D201SB,D201SE,D201SEN, D201SEV,D202BE
D154	MTZJ9.1C-T2	Z DIODE		
D156	MTZJ8.2C-T2	Z DIODE		
D157	MTZJ8.2C-T2	Z DIODE		
D158	MTZJ6.2C-T2	Z DIODE		
D161	1A3G-T1	SI DIODE		
D162	1A3G-T1	SI DIODE		
D171	MTZJ13B-T2	Z DIODE		
D172	MTZJ13B-T2	Z DIODE		
D211	1SS133-T2	SI DIODE		
D221	1SS133-T2	SI DIODE		
D222	MTZJ16B-T2	Z DIODE		
D251	1SS133-T2	SI DIODE		
D281	1SS133-T2	SI DIODE		
D300	MA111-X	SI DIODE		
D311	1SS133-T2	SI DIODE		
D351	1SS133-T2	SI DIODE		
D411	1SS133-T2	SI DIODE		
D451	1SS133-T2	SI DIODE		
D811	1SS133-T2	SI DIODE		
D851	1SS133-T2	SI DIODE		
⚠ D1101	30PRA20-FC	SI DIODE		
⚠ D1102	30PRA20-FC	SI DIODE		
⚠ D1103	30PRA20-FC	SI DIODE		
⚠ D1104	30PRA20-FC	SI DIODE		
⚠ D1107	FMB-G19L	SB DIODE		
⚠ D1108	FMB-G19L	SB DIODE		
D1109	1SS133-T2	SI DIODE		
D1110	1SS133-T2	SI DIODE		
D1111	1SS133-T2	SI DIODE		
D1171	1SS133-T2	SI DIODE		
D1211	1SS133-T2	SI DIODE		
D1251	1SS133-T2	SI DIODE		
D1311	1SS133-T2	SI DIODE		
D1351	1SS133-T2	SI DIODE		
D1411	1SS133-T2	SI DIODE		
D1451	1SS133-T2	SI DIODE		
C101	QFLC2AJ-472Z	M CAPACITOR	4700pF 100V J	
C102	QETM1JM-227	E CAPACITOR	220uF 63V M	D201SA,D201SUF
C102	QETM1EM-108	E CAPACITOR	1000uF 25V M	D201SB,D201SE,D201SEN, D201SEV,D202BE
C103	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C104	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C105	NCZ1061-104X	C CAPACITOR	0.1uF	
C106	NCZ1061-104X	C CAPACITOR	0.1uF	
C107	NCZ1061-104X	C CAPACITOR	0.1uF	
C108	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C109	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C110	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C111	QETN1JM-107Z	E CAPACITOR	100uF 63V M	
C112	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C113	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C114	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C151	QETM1EM-478	E CAPACITOR	4700uF 25V M	
C152	QETM1EM-338	E CAPACITOR	3300uF 25V M	
C153	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C154	QETN1CM-107Z	E CAPACITOR	100uF 16V M	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C155	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C156	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C157	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C158	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C159	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C160	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C161	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C162	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C163	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C164	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C165	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C166	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C172	NCB31HK-472X	C CAPACITOR	4700pF 50V K	D201SA,D201SUF
C173	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C174	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C175	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C176	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C201	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C202	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C203	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C204	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C205	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C208	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C209	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C210	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C211	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C212	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C213	NDC31HJ-101X	C CAPACITOR	100pF 50V J	D201SB,D201SE,D201SEN, D201SEV,D202BE
C222	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C223	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C224	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C225	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C226	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C227	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C231	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C232	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C251	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C252	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C253	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C254	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C263	NCZ1061-104X	C CAPACITOR	0.1uF	
C264	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C265	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C266	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C267	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C268	QFKC2AJ-155Z	MM CAPACITOR	1.5uF 100V J	
C269	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C270	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C271	NCZ1061-104X	C CAPACITOR	0.1uF	
C272	NCZ1061-104X	C CAPACITOR	0.1uF	
C273	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C274	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C275	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C276	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C277	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C281	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	D201SA,D201SB,D201SE, D201SEV
C281	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	D201SEN,D201SUF,D202BE
C282	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C283	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C284	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C285	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C301	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C302	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C303	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C304	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C305	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C307	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C308	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C309	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C310	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C311	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C312	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C313	NDC31HJ-101X	C CAPACITOR	100pF 50V J	D201SB,D201SE,D201SEN, D201SEV,D202BE
C322	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C323	NCB31CK-105X	C CAPACITOR	1uF 16V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C324	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C331	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C332	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C351	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C352	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C353	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C354	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C363	NCZ1061-104X	C CAPACITOR	0.1uF	
C364	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C365	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C366	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C367	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C368	QFKC2AJ-155Z	MM CAPACITOR	1.5uF 100V J	
C369	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C370	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C371	NCZ1061-104X	C CAPACITOR	0.1uF	
C372	NCZ1061-104X	C CAPACITOR	0.1uF	
C373	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C374	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C375	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C377	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C401	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C402	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C403	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C404	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C405	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C408	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C409	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C410	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C411	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C413	NDC31HJ-101X	C CAPACITOR	100pF 50V J	D201SB,D201SE,D201SEN, D201SEV,D202BE
C422	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C423	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C424	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C425	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C426	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C431	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C432	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C451	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C452	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C453	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C454	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C463	NCZ1061-104X	C CAPACITOR	0.1uF	
C464	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C465	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C466	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C467	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C468	QFKC2AJ-155Z	MM CAPACITOR	1.5uF 100V J	
C469	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C470	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C471	NCZ1061-104X	C CAPACITOR	0.1uF	
C472	NCZ1061-104X	C CAPACITOR	0.1uF	
C473	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C474	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C475	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C476	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C477	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C801	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C802	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C803	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C804	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C805	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C807	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C808	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C809	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C810	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C811	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C812	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C813	NDC31HJ-101X	C CAPACITOR	100pF 50V J	D201SB,D201SE,D201SEN, D201SEV,D202BE
C821	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C822	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C823	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C824	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C825	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C826	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C827	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C829	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C830	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C831	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C832	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C851	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C852	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C853	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C854	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C863	NCZ1061-104X	C CAPACITOR	0.1uF	
C864	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C865	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C866	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C867	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C868	QFKC2AJ-155Z	MM CAPACITOR	1.5uF 100V J	
C869	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C870	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C871	NCZ1061-104X	C CAPACITOR	0.1uF	
C872	NCZ1061-104X	C CAPACITOR	0.1uF	
C873	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C874	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C875	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C876	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C877	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1101	QFKC2AJ-224Z	MM CAPACITOR	0.22uF 100V J	
C1102	QFKC2AJ-224Z	MM CAPACITOR	0.22uF 100V J	
C1103	QFKC2AJ-224Z	MM CAPACITOR	0.22uF 100V J	D201SB,D201SE,D201SEN, D201SEV,D202BE
C1104	QFKC2AJ-224Z	MM CAPACITOR	0.22uF 100V J	D201SB,D201SE,D201SEN, D201SEV,D202BE
C1105	QEZ0742-688	E CAPACITOR	6800uF	
C1106	QEZ0742-688	E CAPACITOR	6800uF	
C1107	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1108	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1109	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1110	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1111	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1112	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1113	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1114	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C1115	NCZ1061-104X	C CAPACITOR	0.1uF	
C1116	NCZ1061-104X	C CAPACITOR	0.1uF	
C1117	QEZ0570-228	E CAPACITOR	2200uF	
C1118	QEZ0570-228	E CAPACITOR	2200uF	
C1119	NCZ1061-104X	C CAPACITOR	0.1uF	
C1120	NCZ1061-104X	C CAPACITOR	0.1uF	
C1122	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C1123	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1124	NCZ1008-104X	C CAPACITOR	0.1uF 250V K	
C1125	NCZ1008-104X	C CAPACITOR	0.1uF 250V K	
C1131	NCZ1069-224X	C CAPACITOR	0.22uF	
C1132	NCZ1069-224X	C CAPACITOR	0.22uF	
C1133	NCZ1069-224X	C CAPACITOR	0.22uF	
C1134	NCZ1069-224X	C CAPACITOR	0.22uF	
C1135	NCZ1008-104X	C CAPACITOR	0.1uF 250V K	
C1136	NCZ1008-104X	C CAPACITOR	0.1uF 250V K	
C1137	NCZ1008-104X	C CAPACITOR	0.1uF 250V K	
C1138	NCZ1008-104X	C CAPACITOR	0.1uF 250V K	
C1139	NCZ1069-224X	C CAPACITOR	0.22uF	
C1140	NCZ1069-224X	C CAPACITOR	0.22uF	
C1141	NCZ1069-224X	C CAPACITOR	0.22uF	
C1142	NCZ1069-224X	C CAPACITOR	0.22uF	
C1143	NCZ1069-224X	C CAPACITOR	0.22uF	
C1144	NCZ1069-224X	C CAPACITOR	0.22uF	
C1145	NCZ1069-224X	C CAPACITOR	0.22uF	
C1146	NCZ1008-104X	C CAPACITOR	0.1uF 250V K	
C1147	NCZ1008-104X	C CAPACITOR	0.1uF 250V K	
C1149	NCZ1008-104X	C CAPACITOR	0.1uF 250V K	D201SB,D201SE,D201SEN, D201SEV,D202BE
C1150	NCZ1008-104X	C CAPACITOR	0.1uF 250V K	D201SB,D201SE,D201SEN, D201SEV,D202BE
C1167	NCZ1008-104X	C CAPACITOR	0.1uF 250V K	D201SB,D201SE,D201SEN, D201SEV,D202BE
C1168	NCZ1008-104X	C CAPACITOR	0.1uF 250V K	D201SB,D201SE,D201SEN, D201SEV,D202BE
C1171	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1201	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C1202	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C1203	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C1204	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1205	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1208	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1209	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C1210	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1211	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1213	NDC31HJ-101X	C CAPACITOR	100pF 50V J	D201SB,D201SE,D201SEN, D201SEV,D202BE
C1222	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1223	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C1224	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C1225	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1226	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1231	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C1232	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1251	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1252	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1253	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C1254	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1263	NCZ1061-104X	C CAPACITOR	0.1uF	
C1264	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1265	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1266	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1267	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1268	QFKC2AJ-155Z	MM CAPACITOR	1.5uF 100V J	
C1269	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C1270	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1271	NCZ1061-104X	C CAPACITOR	0.1uF	
C1272	NCZ1061-104X	C CAPACITOR	0.1uF	
C1273	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C1274	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C1275	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C1277	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1301	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C1302	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C1303	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C1304	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1305	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1307	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1308	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1309	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C1310	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1311	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1313	NDC31HJ-101X	C CAPACITOR	100pF 50V J	D201SB,D201SE,D201SEN, D201SEV,D202BE
C1322	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1323	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1324	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1331	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C1332	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1351	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1352	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1353	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C1354	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1363	NCZ1061-104X	C CAPACITOR	0.1uF	
C1364	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1365	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1366	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1367	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1368	QFKC2AJ-155Z	MM CAPACITOR	1.5uF 100V J	
C1369	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C1370	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1371	NCZ1061-104X	C CAPACITOR	0.1uF	
C1372	NCZ1061-104X	C CAPACITOR	0.1uF	
C1373	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C1374	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C1375	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C1377	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1401	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C1402	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C1403	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C1404	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1405	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1407	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C1408	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1409	NDC31HG-101X	C CAPACITOR	100pF 50V G	
C1410	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1411	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1413	NDC31HJ-101X	C CAPACITOR	100pF 50V J	D201SB,D201SE,D201SEN, D201SEV,D202BE
C1422	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1423	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1431	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C1432	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C1451	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1452	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1453	NCB21EK-334X	C CAPACITOR	0.33uF 25V K	
C1454	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1463	NCZ1061-104X	C CAPACITOR	0.1uF	
C1464	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1465	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1466	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1467	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1468	QFKC2AJ-155Z	MM CAPACITOR	1.5uF 100V J	
C1469	QFVM2AJ-104Z	MF CAPACITOR	0.1uF 100V J	
C1470	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1471	NCZ1061-104X	C CAPACITOR	0.1uF	
C1472	NCZ1061-104X	C CAPACITOR	0.1uF	
C1473	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C1474	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C1475	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C1477	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
⚠ R101	QRJ146J-153X	UNF C RESISTOR	15kΩ 1/4W J	D201SA,D201SUF
⚠ R102	QRL017J-332	OMF RESISTOR	3.3kΩ 1W J	D201SA,D201SUF
⚠ R103	QRJ146J-6R8X	UNF C RESISTOR	6.8Ω 1/4W J	
R104	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	D201SA,D201SUF
R105	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	D201SB,D201SE,D201SEN, D201SEV,D202BE
⚠ R106	QRJ146J-821X	UNF C RESISTOR	820Ω 1/4W J	
⚠ R107	QRJ146J-6R2X	UNF C RESISTOR	6.2Ω 1/4W J	D201SA,D201SUF
⚠ R107	QRJ146J-5R6X	UNF C RESISTOR	5.6Ω 1/4W J	D201SB,D201SE,D201SEN, D201SEV,D202BE
⚠ R108	QRJ146J-332X	UNF C RESISTOR	3.3kΩ 1/4W J	
R109	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R110	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
⚠ R151	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
⚠ R152	QRJ146J-4R7X	UNF C RESISTOR	4.7Ω 1/4W J	
⚠ R153	QRL01DJ-100X	OMF RESISTOR	10Ω 1W J	
R154	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R155	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J	
⚠ R156	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
⚠ R157	QRJ146J-561X	UNF C RESISTOR	560Ω 1/4W J	
⚠ R158	QRT01DJ-4R7X	MF RESISTOR	4.7Ω 1W J	
R159	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R160	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
⚠ R161	QRJ146J-4R7X	UNF C RESISTOR	4.7Ω 1/4W J	
⚠ R162	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J	
⚠ R163	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
⚠ R164	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J	
⚠ R165	QRT01DJ-R22X	MF RESISTOR	0.22Ω 1W J	
⚠ R166	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J	
⚠ R173	QRK126J-4R7X	UNF C RESISTOR	4.7Ω 1/2W J	
⚠ R174	QRK126J-103X	UNF C RESISTOR	10kΩ 1/2W J	
⚠ R175	QRK126J-4R7X	UNF C RESISTOR	4.7Ω 1/2W J	
⚠ R176	QRK126J-103X	UNF C RESISTOR	10kΩ 1/2W J	
R181	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R182	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R183	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R184	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R201	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R202	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R203	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R204	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R205	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R206	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R207	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R208	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R209	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R210	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R214	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R215	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R216	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R217	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R221	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R222	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R223	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R224	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R225	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R231	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R232	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R233	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R234	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R235	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R251	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R252	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R253	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R254	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R255	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R256	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R257	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R258	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R261	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R262	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R264	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R265	NRS125J-220X	MG RESISTOR	22Ω 1/2W J	
R266	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R267	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R268	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R269	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R270	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R281	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R282	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R283	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R284	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R285	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R286	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R287	NRSA02J-392X	MG RESISTOR	3.9kΩ 1/10W J	
R288	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R289	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R290	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R291	QRL027J-471	OMF RESISTOR	470Ω 2W J	
⚠ R300	QRJ146J-470X	UNF C RESISTOR	47Ω 1/4W J	
R301	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R302	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R303	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R304	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R305	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R306	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R307	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R308	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R309	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R310	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R311	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R314	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R315	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R316	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R317	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R318	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R319	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R331	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R332	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R333	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R334	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R335	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R351	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R352	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R353	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R354	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R355	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R356	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R357	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R358	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R361	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R362	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R364	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R365	NRS125J-220X	MG RESISTOR	22Ω 1/2W J	
R366	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R367	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R368	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R369	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R370	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R391	QRL027J-471	OMF RESISTOR	470Ω 2W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R401	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R402	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R403	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R405	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R406	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R407	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R408	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R409	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R410	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R411	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R414	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R415	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R416	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R417	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R431	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R432	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R433	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R434	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R435	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R451	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R452	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R453	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R454	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R455	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R456	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R457	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R458	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R461	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R462	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R464	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R465	NRS125J-220X	MG RESISTOR	22Ω 1/2W J	
R466	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R467	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R468	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R469	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R470	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R801	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R802	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R803	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R804	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R805	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R807	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R808	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R809	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R810	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R811	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R814	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R815	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R816	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R817	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R831	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R832	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R833	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R834	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R835	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R851	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R852	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R853	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R854	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R855	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R856	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R857	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R858	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R861	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R862	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R864	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R865	NRS125J-220X	MG RESISTOR	22Ω 1/2W J	
R866	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R867	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R868	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R869	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R870	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1101	NRS144J-104X	MG RESISTOR	100kΩ 1/4W J	
R1102	NRS144J-104X	MG RESISTOR	100kΩ 1/4W J	
⚠ R1103	NRS144J-330X	MG RESISTOR	33Ω 1/4W J	
⚠ R1104	NRS144J-330X	MG RESISTOR	33Ω 1/4W J	
R1105	NRS016J-100X	MG RESISTOR	10Ω 1W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R1106	QRL01DJ-100X	OMF RESISTOR	10Ω 1W J	
R1107	NRS016J-100X	MG RESISTOR	10Ω 1W J	
R1108	QRL01DJ-100X	OMF RESISTOR	10Ω 1W J	
R1109	QRL027J-222	OMF RESISTOR	2.2kΩ 2W J	
R1110	QRL027J-222	OMF RESISTOR	2.2kΩ 2W J	
R1111	NRSA63F-102X	MG RESISTOR	1kΩ 1/16W F	
R1112	NRSA63F-102X	MG RESISTOR	1kΩ 1/16W F	
R1113	NRSA63F-393X	MG RESISTOR	39kΩ 1/16W F	
R1115	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1116	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
⚠ R1117	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R1118	NRSA63F-473X	MG RESISTOR	47kΩ 1/16W F	
R1171	QRJ146J-332X	UNF C RESISTOR	3.3kΩ 1/4W J	
R1201	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1202	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1203	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1205	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R1206	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1207	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1208	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1209	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1210	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1211	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1214	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1215	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R1216	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1217	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1231	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1232	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1233	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1234	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1235	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1251	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1252	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1253	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1254	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1255	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R1256	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1257	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1258	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R1261	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R1262	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R1264	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R1265	NRS125J-220X	MG RESISTOR	22Ω 1/2W J	
R1266	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R1267	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R1268	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1269	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1270	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1301	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1302	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1305	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R1306	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1307	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1308	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1309	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1310	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1311	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1314	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1315	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R1316	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1317	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1318	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R1319	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R1331	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1332	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1333	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1334	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1335	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1351	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1352	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1353	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1354	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1355	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R1356	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1357	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1358	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R1361	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R1362	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R1364	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R1365	NRS125J-220X	MG RESISTOR	22Ω 1/2W J	
R1366	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R1367	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R1368	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1369	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1370	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1401	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1402	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1403	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1405	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R1406	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1407	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1408	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1409	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1410	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1411	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1414	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1415	NRSA63F-682X	MG RESISTOR	6.8kΩ 1/16W F	
R1416	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1417	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1431	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1432	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1433	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1434	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1435	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1451	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1452	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1453	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R1454	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1455	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R1456	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1457	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R1458	NRS144J-4R7X	MG RESISTOR	4.7Ω 1/4W J	
R1461	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R1462	NRS144J-470X	MG RESISTOR	47Ω 1/4W J	
R1464	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R1465	NRS125J-220X	MG RESISTOR	22Ω 1/2W J	
R1466	QRL01DJ-220X	OMF RESISTOR	22Ω 1W J	
R1467	NRS125J-103X	MG RESISTOR	10kΩ 1/2W J	
R1468	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1469	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1470	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
L261	QQL77AK-220	COIL	22uH K	
L361	QQL77AK-220	COIL	22uH K	
L461	QQL77AK-220	COIL	22uH K	
L861	QQL77AK-220	COIL	22uH K	
⚠ L1101	QQL78AK-220	COIL	22uH K	
⚠ L1102	QQL78AK-220	COIL	22uH K	
L1261	QQL77AK-220	COIL	22uH K	
L1361	QQL77AK-220	COIL	22uH K	
L1461	QQL77AK-220	COIL	22uH K	
CN101	QGA2001C1-04	CONNECTOR	W-B (1-4)	
CN102	QGF1205C1-05	CONNECTOR	FFC/FPC (1-5)	
CN103	QGA2501C1-02	CONNECTOR	W-B (1-2)	
CN104	QJK016-071002-E	SIN CR C-B WIRE		
CN105	QGA2001C1-05	CONNECTOR	W-B (1-5)	
CN106	QGA3901C1-08	CONNECTOR	W-B (1-8)	
CN111	QGA3901C1-03	CONNECTOR	W-B (1-3)	
CN114	QGA2001F1-07	CONNECTOR	W-B (1-7)	
CN115	QJK016-051000-E	SIN CR C-B WIRE		
CN130	QJK016-113401-E	SIN CR C-B WIRE		
CN131	QJK016-093604-E	SIN CR C-B WIRE		
CN152	QGB2510J1-12	CONNECTOR	B-B (1-12)	
CN201	QGA2501C1-07	CONNECTOR	W-B (1-7)	
CN222	QGB2510J1-14	CONNECTOR	B-B (1-14)	
CN251	QJK015-063601-E	SIN CR C-B WIRE		
CN252	QJK015-084203-E	SIN CR C-B WIRE		
CN301	QGB2510K1-17	CONNECTOR	B-B (1-17)	
CN302	QGB2510J1-17	CONNECTOR	B-B (1-17)	
CN311	QGA2001F1-03	CONNECTOR	W-B (1-3)	
CN312	QGA2501F1-02	CONNECTOR	W-B (1-2)	
CN313	QGA2001C1-04	CONNECTOR	W-B (1-4)	
CN321	QJK016-030903-E	SIN CR C-B WIRE		

⚠ Symbol No.	Part No.	Part Name	Description	Local
CN322	QJK002-021002-E	SIN CR C-B WIRE		
CN351	QGA2501C1-03	CONNECTOR	W-B (1-3)	
CN401	QGB2510K1-16	CONNECTOR	B-B (1-16)	
CN402	QGB2510J1-16	CONNECTOR	B-B (1-16)	
CN411	QGA2501F1-03	CONNECTOR	W-B (1-3)	
CN412	QGA2501F1-04	CONNECTOR	W-B (1-4)	
CN413	QGA2501F1-02	CONNECTOR	W-B (1-2)	
CN421	QJK002-031803-E	SIN CR C-B WIRE		
CN422	QJK002-041404-E	SIN TWIST WIRE		
CN423	QJK002-021002-E	SIN CR C-B WIRE		
CN602	QGB2510K1-07	CONNECTOR	B-B (1-7)	
CN672	QGB2510K1-07	CONNECTOR	B-B (1-7)	
EP101	QNZ0136-001Z	EARTH PLATE		
EP102	QNZ0136-001Z	EARTH PLATE		
EP201	QNZ0136-001Z	EARTH PLATE		
EP202	QNZ0136-001Z	EARTH PLATE		
FC101	QNG0020-001Z	FUSE CLIP		
FC102	QNG0020-001Z	FUSE CLIP		
FC111	QNG0020-001Z	FUSE CLIP		
FC112	QNG0020-001Z	FUSE CLIP		
FW240	WJS0048-002A-E	E-FL/RBWIRE*C-F		
FW323	WJS0047-002A-E	E-FL/RB WIRE		
HS101	E70306-005	HEAT SINK		D201SA,D201SUF
HS101	E70306-001	HEAT SINK	HS 951	D201SB,D201SE,D201SEN, D201SEV,D202BE
HS102	E70306-005	HEAT SINK		D201SA,D201SUF
HS102	E70306-001	HEAT SINK	HS 951	D201SB,D201SE,D201SEN, D201SEV,D202BE
HS107	E70306-005	HEAT SINK		D201SA,D201SUF
HS107	E70306-001	HEAT SINK	HS 951	D201SB,D201SE,D201SEN, D201SEV,D202BE
HS108	E70306-005	HEAT SINK		D201SA,D201SUF
HS108	E70306-001	HEAT SINK	HS 951	D201SB,D201SE,D201SEN, D201SEV,D202BE
HS151	E70306-005	HEAT SINK		D201SA,D201SUF
HS151	E70306-001	HEAT SINK	HS 951	D201SB,D201SE,D201SEN, D201SEV,D202BE
HS152	E70306-005	HEAT SINK		D201SA,D201SUF
HS152	E70306-001	HEAT SINK	HS 951	D201SB,D201SE,D201SEN, D201SEV,D202BE
HS153	E70945-H40B	HEAT SINK	HS 921	
HS157	E70306-005	HEAT SINK		D201SA,D201SUF
HS157	E70306-001	HEAT SINK	HS 951	D201SB,D201SE,D201SEN, D201SEV,D202BE
HS158	E70306-005	HEAT SINK		
HS253	E70306-001	HEAT SINK	HS 951	D201SA,D201SUF
RY300	QSK0127-001	RELAY		
⚠ TH101	QAD0095-4R7Z	P THERMISTOR	4.7Ω M	
TH271	QAD0146-103	N THERMISTOR	10kΩ	

Input board (A,UF ver.)

Block No. [0][3]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC501	MN101C49GNP1	IC(MCU)		D201SA
IC501	MN101C49GNP	IC(MCU)		D201SUF
IC502	BD3843FS-X	IC		
IC503	BD3813KS	IC		
IC504	NJM4565M-WE	IC		
IC506	IC-PST9139-T	IC		
IC507	BR24L01AF-W-X	IC		
IC508	BD3812F-X	IC		
IC522	MM1118XF-X	IC		
IC524	MM1501XN-X	IC		
IC525	MM1502XN-X	IC		
IC527	MM1118XF-X	IC		
IC530	MM1504XN-X	IC		
IC531	MM1506XN-X	IC		
IC532	MM1506XN-X	IC		
IC601	NJM4565M-WE	IC		
IC602	NJM4565M-WE	IC		
IC611	NJM4565M-WE	IC		
IC612	NJM4565M-WE	IC		
IC613	NJM4565M-WE	IC		
IC615	NJM4565M-WE	IC		
IC621	NJM4565M-WE	IC		
IC622	NJM4565M-WE	IC		
IC631	NJM2120M-X	IC		
IC632	NJM4565M-WE	IC		
IC633	NJM4565M-WE	IC		
IC634	NJM4565M-WE	IC		
IC651	NJM4565M-WE	IC		
IC652	NJM4565M-WE	IC		
IC661	DSPC56371AF180	IC		
IC662	SN74AHC2GU04T-X	IC		
IC667	CS42518-CQZ-C-W	IC		
IC671	UPD784215AGC284	IC		D201SA
IC671	UPD784217AGC331	IC(MICRO C ROM)		D201SUF
IC672	SN74AHCT1G32K-X	IC		
IC673	SN74LVC1G04K-X	IC		
IC691	BD7800FP-X	IC		
IC692	MM1563DF-X	IC		
IC903	PCM2704DB-X	IC		
IC904	SN74AHC1G08V-X	IC		
Q501	2SC3576-JVC-T	TRANSISTOR		
Q502	2SC3576-JVC-T	TRANSISTOR		
Q503	KRA104S-X	DIGI TRANSISTOR		
Q510	KRC102S-X	DIGI TRANSISTOR		
Q511	KRA104S-X	DIGI TRANSISTOR		
Q512	KRA104S-X	DIGI TRANSISTOR		
Q513	2SC3576-JVC-T	TRANSISTOR		
Q514	2SC3576-JVC-T	TRANSISTOR		
Q515	2SC3576-JVC-T	TRANSISTOR		
Q516	2SC3576-JVC-T	TRANSISTOR		
Q517	2SC3576-JVC-T	TRANSISTOR		
Q518	2SC3576-JVC-T	TRANSISTOR		
Q519	2SC3576-JVC-T	TRANSISTOR		
Q521	2SC3576-JVC-T	TRANSISTOR		
Q522	2SC3576-JVC-T	TRANSISTOR		
Q523	KRA104S-X	DIGI TRANSISTOR		
Q524	KTC3875/YG/-X	SI TRANSISTOR		
Q526	2SC3576-JVC-T	TRANSISTOR		
Q541	KTC3199/GL/-T	TRANSISTOR		
Q542	KTC3199/GL/-T	TRANSISTOR		
Q1501	2SC2412K/RS/-X	TRANSISTOR		
Q2101	2SD2114K/VW/-X	TRANSISTOR		
Q2102	2SD2114K/VW/-X	TRANSISTOR		
Q2141	2SC3928A/RS/-X	TRANSISTOR		
Q2142	2SC3928A/RS/-X	TRANSISTOR		
Q2201	2SD2114K/VW/-X	TRANSISTOR		
Q2202	2SD2114K/VW/-X	TRANSISTOR		
Q2221	2SD2114K/VW/-X	TRANSISTOR		
Q2222	2SD2114K/VW/-X	TRANSISTOR		
Q2223	2SD2114K/VW/-X	TRANSISTOR		
Q2224	2SD2114K/VW/-X	TRANSISTOR		
Q2301	2SD2114K/VW/-X	TRANSISTOR		
Q2341	2SC3928A/RS/-X	TRANSISTOR		
Q2401	2SD2114K/VW/-X	TRANSISTOR		
Q2421	2SD2114K/VW/-X	TRANSISTOR		
Q2422	2SD2114K/VW/-X	TRANSISTOR		
Q2501	2SD2114K/VW/-X	TRANSISTOR		
Q2502	2SD2114K/VW/-X	TRANSISTOR		
Q2701	KRC107S-X	DIGI TRANSISTOR		
Q2702	KRC107S-X	DIGI TRANSISTOR		
Q2703	KRC107S-X	DIGI TRANSISTOR		
Q2704	KRA107S-X	DIGI TRANSISTOR		
Q2705	KRA107S-X	DIGI TRANSISTOR		
Q2706	KRA107S-X	DIGI TRANSISTOR		
Q2708	KRA107S-X	DIGI TRANSISTOR		
Q2709	KRA107S-X	DIGI TRANSISTOR		
Q2710	KRC107S-X	DIGI TRANSISTOR		
Q4501	KTA1267/YG/-T	TRANSISTOR		
Q4502	KTA1267/YG/-T	TRANSISTOR		
Q4503	KRA120S-X	TRANSISTOR		
Q6511	KRA121S-X	DIGI TRANSISTOR		
Q6512	KTA1267/YG/-T	TRANSISTOR		
Q6513	KRA121S-X	DIGI TRANSISTOR		
Q6514	KTA1267/YG/-T	TRANSISTOR		
Q6515	KRA121S-X	DIGI TRANSISTOR		
Q6516	KTA1267/YG/-T	TRANSISTOR		
Q6517	KRA121S-X	DIGI TRANSISTOR		

⚠ Symbol No.	Part No.	Part Name	Description	Local
Q6518	KTA1267/YG/-T	TRANSISTOR		
Q6519	KRA121S-X	DIGI TRANSISTOR		
Q6520	KTA1267/YG/-T	TRANSISTOR		
Q6521	KRA121S-X	DIGI TRANSISTOR		
Q6522	KTA1267/YG/-T	TRANSISTOR		
Q6523	KRA121S-X	DIGI TRANSISTOR		
Q6524	KTA1267/YG/-T	TRANSISTOR		
Q6525	KRA121S-X	DIGI TRANSISTOR		
Q6526	KTA1267/YG/-T	TRANSISTOR		
Q6527	KRA121S-X	DIGI TRANSISTOR		
Q6528	KTA1267/YG/-T	TRANSISTOR		
Q6529	KRA121S-X	DIGI TRANSISTOR		
Q6530	KRA121S-X	DIGI TRANSISTOR		
Q6531	KRA121S-X	DIGI TRANSISTOR		
Q6535	KRC102S-X	DIGI TRANSISTOR		
Q6536	KRC102S-X	DIGI TRANSISTOR		
Q6537	KRC102S-X	DIGI TRANSISTOR		
Q6538	KRC102S-X	DIGI TRANSISTOR		
Q6541	2SA1037AK/RS/-X	TRANSISTOR		
Q6542	2SA1037AK/RS/-X	TRANSISTOR		
Q6543	2SA1037AK/RS/-X	TRANSISTOR		
D501	MA111-X	SI DIODE		
D503	MA111-X	SI DIODE		
D505	RB751V-40-X	DIODE C.M		D201SA
D505	RB521S-30-X	SB DIODE		D201SUF
D506	RB751V-40-X	DIODE C.M		D201SA
D506	RB521S-30-X	SB DIODE		D201SUF
D507	RB751V-40-X	DIODE C.M		D201SA
D507	RB521S-30-X	SB DIODE		D201SUF
D508	RB751V-40-X	DIODE C.M		D201SA
D508	RB521S-30-X	SB DIODE		D201SUF
D509	MA111-X	SI DIODE		
D510	MA111-X	SI DIODE		
C522	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C523	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C524	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C525	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C526	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M	
C527	QEKC0JM-107Z	E CAPACITOR	100uF 6.3V M	
C528	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z	
C529	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C530	QEKC1HM-225Z	E CAPACITOR	2.2uF 50V M	
C531	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C532	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C534	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C536	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C537	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C538	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C539	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C540	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C541	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C542	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C545	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C546	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C547	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C549	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C550	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C551	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C552	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C553	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C554	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C555	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C556	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C557	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C558	QEKC1CM-106Z	E CAPACITOR	10uF 16V M	
C559	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C561	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C562	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C563	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C564	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C577	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C578	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C581	QEKC1CM-106Z	E CAPACITOR	10uF 16V M	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C597	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C941	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C942	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C943	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C944	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C945	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C946	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C947	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C948	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C949	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C959	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C960	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C961	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C962	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1504	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C1551	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C1552	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1581	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1582	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2001	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2002	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2005	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2006	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2009	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2013	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2014	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2018	QETN1AM-476Z	E CAPACITOR	47uF 10V M	
C2019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2020	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2101	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2102	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2109	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2110	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2113	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2114	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2115	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C2116	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C2129	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2133	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2134	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2139	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2140	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2143	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2144	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2149	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2150	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2201	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2202	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2209	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2210	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2229	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C2230	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C2241	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2242	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2243	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2244	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2245	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2246	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2249	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2250	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2281	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2282	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2283	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2284	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2285	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2286	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2287	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2288	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2301	NCB31HK-561X	C CAPACITOR	560pF 50V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C2309	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2323	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2325	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2341	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2342	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2343	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2349	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2381	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2382	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2383	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2385	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2387	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C2401	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2409	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2411	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2412	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2421	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2422	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2423	NCB31CK-823X	C CAPACITOR	0.082uF 16V K	
C2425	QFN31HJ-333Z	M CAPACITOR	0.033uF 50V J	
C2429	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2433	NCB31CK-823X	C CAPACITOR	0.082uF 16V K	
C2435	QFN31HJ-333Z	M CAPACITOR	0.033uF 50V J	
C2449	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2483	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2485	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2487	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C2501	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2502	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2509	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2510	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2541	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2542	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2543	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2544	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2545	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2546	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2547	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2549	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2550	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2583	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2584	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2585	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2586	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2587	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2588	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2601	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2606	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2607	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2608	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2611	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2612	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2613	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2614	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2621	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2622	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2623	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2631	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2632	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2633	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2641	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2642	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2643	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2671	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2672	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2673	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2674	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2675	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2676	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C2677	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C2678	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2679	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2680	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2681	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2682	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2683	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C2684	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2685	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2686	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2687	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2688	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2690	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2691	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2692	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2693	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2701	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2702	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2703	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2731	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2751	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2771	QETN1AM-476Z	E CAPACITOR	47uF 10V M	
C2781	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2782	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2783	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2784	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2785	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2786	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2787	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2788	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2861	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2862	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2867	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C2868	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C2869	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C2881	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2884	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2901	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2902	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2903	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C2911	QETN0JM-227Z	E CAPACITOR	220uF 6.3V M	
C2921	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2922	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2923	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2924	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2925	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2926	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2951	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2952	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2953	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2954	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2955	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C4501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4580	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C4581	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4582	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4583	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C4584	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4585	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4586	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C4587	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C4588	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6501	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6502	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6503	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6504	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6505	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6506	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6507	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6508	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6509	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6510	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6511	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6512	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6513	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6514	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6515	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6516	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6524	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
C6526	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6528	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6529	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
C6530	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C6531	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6533	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
C6535	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6537	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6538	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
C6539	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6540	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6541	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
C6542	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6543	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C6545	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
C6547	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6549	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6556	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C6557	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C6558	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C6561	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6564	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6566	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
C6567	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6569	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6574	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C6575	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
R501	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J	
R502	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R505	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R506	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R561	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R562	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R563	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R564	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R565	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R566	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R567	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R568	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R569	NRSA63J-241X	MG RESISTOR	240Ω 1/16W J	
R570	NRSA63J-241X	MG RESISTOR	240Ω 1/16W J	
R571	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R572	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R573	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R574	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R575	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R576	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R577	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R579	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R580	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R585	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R586	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R587	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R593	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R594	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R595	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R596	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R598	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R961	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R962	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R963	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R964	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R965	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R966	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R968	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R969	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R970	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R972	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R973	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R974	NRSA63J-106X	MG RESISTOR	10MΩ 1/16W J	
⚠ R1501	QRZ9015-2R2X	FUSI RESISTOR	2.2Ω	
⚠ R1502	QRZ9015-2R2X	FUSI RESISTOR	2.2Ω	
R1503	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1505	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1506	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1507	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1508	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1509	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1511	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R1512	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1513	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1514	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1515	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1519	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1520	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1521	NRSA63J-133X	MG RESISTOR	13kΩ 1/16W J	
R1522	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1523	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1524	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1525	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1526	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1527	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1529	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1530	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1543	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1544	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1545	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1551	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	
R1552	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R1553	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1556	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1557	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1558	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1567	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1571	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	
R1572	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R1573	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1579	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1580	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1581	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1582	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1583	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1584	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1585	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1586	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1589	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1590	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1592	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1593	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1594	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1595	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1596	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1599	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2001	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2002	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2003	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2004	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2007	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2008	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2011	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2012	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2013	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2014	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2017	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2018	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2021	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2022	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2023	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2024	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2101	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2103	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2104	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2109	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2110	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2111	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2112	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2113	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2114	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2115	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2116	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2121	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2122	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2123	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2128	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R2129	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2130	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2131	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2132	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2133	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2134	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2135	NRSA63J-363X	MG RESISTOR	36kΩ 1/16W J	
R2136	NRSA63J-363X	MG RESISTOR	36kΩ 1/16W J	
R2137	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2138	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2139	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2140	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2141	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2142	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2145	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2146	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2147	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2148	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2149	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2150	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2184	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2185	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2203	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2204	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2209	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2210	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2221	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R2222	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R2223	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2224	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2225	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R2226	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R2227	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2228	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2241	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2242	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2243	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2244	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2249	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2250	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2281	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2282	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2283	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2284	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2285	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2286	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2287	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2288	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2289	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2290	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2291	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2292	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2301	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2303	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2309	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2321	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2323	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2341	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2345	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2347	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2349	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2381	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2383	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2385	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2387	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2389	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2391	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2403	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2409	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2411	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2412	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2421	NRSA63J-112X	MG RESISTOR	1.1kΩ 1/16W J	
R2422	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2423	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R2424	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2425	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2426	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2427	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2433	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R2434	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2435	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2449	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2481	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2483	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2485	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2487	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2489	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2491	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2502	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2503	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2509	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2510	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2541	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2542	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2543	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2544	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2549	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2550	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2581	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2582	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2583	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2584	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2585	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2586	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2587	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2588	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2589	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2590	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2591	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2592	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2601	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2602	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2603	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2604	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2605	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2606	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2607	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2608	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2611	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2614	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2621	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2623	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2624	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2625	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2626	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2627	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2628	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2629	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2631	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2632	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2633	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2635	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2636	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2637	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2638	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2639	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2640	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2641	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2642	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2643	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2644	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2647	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2671	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2673	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2681	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2682	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2683	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R2684	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2685	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2686	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2687	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2688	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2701	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2702	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2703	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2704	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2705	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2706	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R2707	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2713	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2714	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2715	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2716	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2717	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2721	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2722	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2723	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2724	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2725	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R2726	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2727	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R2728	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2731	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2732	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2733	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2734	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2735	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2736	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2737	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2738	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2739	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2740	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2741	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2742	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2743	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2744	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2745	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2751	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2752	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2761	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2762	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2763	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2771	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2772	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2773	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2781	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2782	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2783	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2784	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2785	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2786	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2787	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2788	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2789	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2790	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2791	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2792	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2861	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2862	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2864	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R2871	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2872	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2874	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2921	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2922	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2930	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2931	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2932	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2933	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2936	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2937	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2940	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2941	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2942	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2943	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2945	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2946	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2947	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4501	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4502	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R4504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4509	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4541	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4542	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4543	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4544	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4545	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4546	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4547	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R4548	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4549	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6501	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R6502	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R6503	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6504	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6505	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R6506	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R6507	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6508	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6509	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6510	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6511	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R6512	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R6513	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6514	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6516	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R6517	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6518	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6519	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R6520	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R6525	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R6526	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R6527	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R6529	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6530	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6531	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6532	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6533	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6534	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R6535	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R6536	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R6537	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6538	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6539	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6540	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6541	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6542	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6544	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6545	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6546	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6547	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6548	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6549	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R6550	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R6551	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R6552	NRS144J-271X	MG RESISTOR	270Ω 1/4W J	
R6553	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6554	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6555	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6556	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R6557	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6558	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6559	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R6560	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6561	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6562	NRS144J-271X	MG RESISTOR	270Ω 1/4W J	
R6563	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6564	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6565	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R6566	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6567	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6568	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R6569	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6570	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6571	NRS144J-271X	MG RESISTOR	270Ω 1/4W J	
R6572	QRZ9015-2R2X	FUSI RESISTOR	2.2Ω	
R6573	QRJ146J-1R0X	UNF C RESISTOR	1Ω 1/4W J	
⚠ R6574	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
⚠ R6576	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6577	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R6580	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6581	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6587	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6588	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6589	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6590	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6591	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6592	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6593	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6594	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6596	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6597	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6598	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6599	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L901	NQL085J-100X	COIL	10uH J	
CN502	QGB2510J1-07	CONNECTOR	B-B (1-7)	
CN503	QJK002-141804-E	SIN CR C-B WIRE		
CN505	QGF1205C1-11	CONNECTOR	FFC/FPC (1-11)	
CN509	QJK002-061401-E	SIN CR C-B WIRE		
CN513	QGA2501F1-14	CONNECTOR	W-B (1-14)	
CN521	QJK002-092804-E	SIN CR C-B WIRE		
CN522	QGB2510K1-14	CONNECTOR	B-B (1-14)	
CN523	QJK002-021002-E	SIN CR C-B WIRE		
CN530	QGA2001C1-11	CONNECTOR	W-B (1-11)	
CN531	QGA2001C1-09	CONNECTOR	W-B (1-9)	
CN540	QGA2001C1-06	CONNECTOR	W-B (1-6)	
CN552	QGA2001C1-12	CONNECTOR	W-B (1-12)	
CN555	QJK002-022402-E	SIN CR C-B WIRE		
CN661	QGA2501F1-03	CONNECTOR	W-B (1-3)	
CN681	QGB2510J1-07	CONNECTOR	B-B (1-7)	
CN682	QGA2001F1-06	CONNECTOR	W-B (1-6)	
CN683	QGA2501F1-09	CONNECTOR	W-B (1-9)	
CN904	QJK021-031203-E	WIRE		
CN905	QJP001-032601-E	SHI CR C-B WIRE		
CN961	QJP001-034201-E	SHI CR C-B WIRE		
EP681	E409182-001SM	GRAND TERMINAL		
EP901	QNZ0136-001Z	EARTH PLATE		
FL501	QQR1372-001	LPF		
FL502	QQR1372-001	LPF		
FW501	WJS0048-003A-E	E-FL/RB WIRE		
J681	QNN0481-001	SURROUND JACK		
J901	QNS0247-001	JACK		
J903	QNZ0783-002	USB CONNECTOR		
J4503	QNN0681-001	PIN JACK		
J6501	QNN0476-001	PIN JACK		
J6502	QNN0476-001	PIN JACK		
J6503	QNN0476-001	PIN JACK		
J6511	QNN0570-001	PIN JACK		
J6512	QNN0570-001	PIN JACK		
J6513	QNN0570-001	PIN JACK		
K2861	NQR0269-004X	FERRITE BEADS		
UN682	TORX177	OPT RECEIVER		
X501	QAX0246-001Z	C RESONATOR	8.00MHz	
X661	QAX0722-001Z	CRYSTAL	24.576MHz	
X671	QAX0719-001Z	C RESONATOR	6.144MHz	
X905	QAX0320-001Z	CRYSTAL	12.000MHz	

Input board (B,E,EN,EV ver.)

Block No. [0][4]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW601	QUB220-08DMHP-E	SIN TWIST WIRE		
IC501	MN101C49GNP1	IC(MCU)		D201SB,D201SE, D201SEV
IC501	MN101C49GNP	IC(MCU)		D201SEN,D202BE
IC502	BD3843FS-X	IC		
IC503	BD3813KS	IC		
IC504	NJM4565M-WE	IC		
IC505	BU1924F-X	IC		
IC506	IC-PST9139-T	IC		
IC507	BR24L01AF-W-X	IC		
IC508	BD3812F-X	IC		
IC530	MM1504XN-X	IC		
IC531	MM1506XN-X	IC		
IC532	MM1506XN-X	IC		
IC571	MM1502XN-X	IC		
IC572	MM1502XN-X	IC		
IC573	MM1113XF-X	IC		
IC574	MM1501XN-X	IC		
IC575	MM1502XN-X	IC		
IC576	MM1117XF-XE	IC		
IC577	MM1118XF-X	IC		
IC581	MM1503XN-X	IC		
IC582	CD74HC4053NS-X	IC		
IC601	NJM4565M-WE	IC		
IC602	NJM4565M-WE	IC		
IC611	NJM4565M-WE	IC		
IC612	NJM4565M-WE	IC		
IC613	NJM4565M-WE	IC		
IC615	NJM4565M-WE	IC		
IC621	NJM4565M-WE	IC		
IC622	NJM4565M-WE	IC		
IC631	NJM2120M-X	IC		
IC632	NJM4565M-WE	IC		
IC633	NJM4565M-WE	IC		
IC634	NJM4565M-WE	IC		
IC651	NJM4565M-WE	IC		
IC652	NJM4565M-WE	IC		
IC661	DSPC56371AF180	IC		
IC662	SN74AHC2GU04T-X	IC		
IC667	CS42518-CQZ-C-W	IC		
IC671	UPD784215AGC284	IC		D201SB,D201SE, D201SEV
IC671	UPD784217AGC331	IC(MICRO C ROM)		D201SEN,D202BE
IC672	SN74AHCT1G32K-X	IC		
IC673	SN74LVC1G04K-X	IC		
IC691	BD7800FP-X	IC		
IC692	MM1563DF-X	IC		
IC903	PCM2704DB-X	IC		
IC904	SN74AHC1G08V-X	IC		
Q501	2SC3576-JVC-T	TRANSISTOR		
Q502	2SC3576-JVC-T	TRANSISTOR		
Q503	KRA104S-X	DIGI TRANSISTOR		
Q510	KRC102S-X	DIGI TRANSISTOR		
Q511	KRA104S-X	DIGI TRANSISTOR		
Q512	KRA104S-X	DIGI TRANSISTOR		
Q513	2SC3576-JVC-T	TRANSISTOR		
Q514	2SC3576-JVC-T	TRANSISTOR		
Q515	2SC3576-JVC-T	TRANSISTOR		
Q516	2SC3576-JVC-T	TRANSISTOR		
Q517	2SC3576-JVC-T	TRANSISTOR		
Q518	2SC3576-JVC-T	TRANSISTOR		
Q519	2SC3576-JVC-T	TRANSISTOR		
Q521	2SC3576-JVC-T	TRANSISTOR		
Q522	2SC3576-JVC-T	TRANSISTOR		
Q523	KRA104S-X	DIGI TRANSISTOR		
Q524	KTC3875/YG/-X	SI TRANSISTOR		
Q525	2SC3576-JVC-T	TRANSISTOR		
Q526	2SC3576-JVC-T	TRANSISTOR		
Q541	KTC3199/GL/-T	TRANSISTOR		
Q542	KTC3199/GL/-T	TRANSISTOR		
Q1501	2SC2412K/RS/-X	TRANSISTOR		
Q2101	2SD2114K/VW/-X	TRANSISTOR		

⚠ Symbol No.	Part No.	Part Name	Description	Local
Q2102	2SD2114K/VW/-X	TRANSISTOR		
Q2141	2SC3928A/RS/-X	TRANSISTOR		
Q2142	2SC3928A/RS/-X	TRANSISTOR		
Q2201	2SD2114K/VW/-X	TRANSISTOR		
Q2202	2SD2114K/VW/-X	TRANSISTOR		
Q2221	2SD2114K/VW/-X	TRANSISTOR		
Q2222	2SD2114K/VW/-X	TRANSISTOR		
Q2223	2SD2114K/VW/-X	TRANSISTOR		
Q2224	2SD2114K/VW/-X	TRANSISTOR		
Q2301	2SD2114K/VW/-X	TRANSISTOR		
Q2341	2SC3928A/RS/-X	TRANSISTOR		
Q2401	2SD2114K/VW/-X	TRANSISTOR		
Q2421	2SD2114K/VW/-X	TRANSISTOR		
Q2422	2SD2114K/VW/-X	TRANSISTOR		
Q2501	2SD2114K/VW/-X	TRANSISTOR		
Q2502	2SD2114K/VW/-X	TRANSISTOR		
Q2701	KRC107S-X	DIGI TRANSISTOR		
Q2702	KRC107S-X	DIGI TRANSISTOR		
Q2703	KRC107S-X	DIGI TRANSISTOR		
Q2704	KRA107S-X	DIGI TRANSISTOR		
Q2705	KRA107S-X	DIGI TRANSISTOR		
Q2706	KRA107S-X	DIGI TRANSISTOR		
Q2708	KRA107S-X	DIGI TRANSISTOR		
Q2709	KRA107S-X	DIGI TRANSISTOR		
Q2710	KRC107S-X	DIGI TRANSISTOR		
Q4501	KTA1267/YG/-T	TRANSISTOR		
Q8501	KRC102S-X	DIGI TRANSISTOR		
Q8502	KRC102S-X	DIGI TRANSISTOR		
Q8503	KRC102S-X	DIGI TRANSISTOR		
Q8504	KRC102S-X	DIGI TRANSISTOR		
Q8505	KTC3199/GL/-T	TRANSISTOR		
Q8506	KTC3199/GL/-T	TRANSISTOR		
Q8507	KTC3199/GL/-T	TRANSISTOR		
Q8508	KTC3199/GL/-T	TRANSISTOR		
Q8509	KTC3199/GL/-T	TRANSISTOR		
Q8510	KTC3199/GL/-T	TRANSISTOR		
Q8511	KTC3199/GL/-T	TRANSISTOR		
Q8515	KRA121S-X	DIGI TRANSISTOR		
Q8516	KTA1267/YG/-T	TRANSISTOR		
Q8517	KTA1267/YG/-T	TRANSISTOR		
Q8518	KTA1267/YG/-T	TRANSISTOR		
Q8519	KTC3203/OY/-T	TRANSISTOR		
Q8521	KRA121S-X	DIGI TRANSISTOR		
Q8522	KTA1267/YG/-T	TRANSISTOR		
Q8523	KRA121S-X	DIGI TRANSISTOR		
Q8524	KRC102S-X	DIGI TRANSISTOR		
Q8525	KRC102S-X	DIGI TRANSISTOR		
Q8526	KTA1267/YG/-T	TRANSISTOR		
Q8527	KRA120S-X	TRANSISTOR		
Q8529	KRA121S-X	DIGI TRANSISTOR		
Q8530	2SA1037AK/RS/-X	TRANSISTOR		
Q9501	KTA1267/YG/-T	TRANSISTOR		
Q9502	KTA1267/YG/-T	TRANSISTOR		
D501	MA111-X	SI DIODE		
D503	MA111-X	SI DIODE		
D505	RB751V-40-X	DIODE C.M		D201SE,D201SEV
D505	RB521S-30-X	SB DIODE		D201SB,D201SEN, D202BE
D506	RB751V-40-X	DIODE C.M		D201SE,D201SEV
D506	RB521S-30-X	SB DIODE		D201SB,D201SEN, D202BE
D507	RB751V-40-X	DIODE C.M		D201SE,D201SEV
D507	RB521S-30-X	SB DIODE		D201SB,D201SEN, D202BE
D508	RB751V-40-X	DIODE C.M		D201SE,D201SEV
D508	RB521S-30-X	SB DIODE		D201SB,D201SEN, D202BE
D509	MA111-X	SI DIODE		
D510	MA111-X	SI DIODE		
D8501	MA111-X	SI DIODE		
D8502	MA111-X	SI DIODE		
D8503	UDZS11B-X	Z DIODE		
D8504	UDZS6.2B-X	Z DIODE		D201SEN,D202BE
C522	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C523	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C524	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C525	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C526	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M	
C527	QEKC0JM-107Z	E CAPACITOR	100uF 6.3V M	
C528	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z	
C529	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C530	QEKC1HM-225Z	E CAPACITOR	2.2uF 50V M	
C531	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C532	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C534	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C536	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C537	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C538	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C539	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C540	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C541	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C542	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C545	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C546	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C547	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C549	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C550	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C551	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C552	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C553	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C554	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C555	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C556	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C557	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C558	QEKC1CM-106Z	E CAPACITOR	10uF 16V M	
C559	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C561	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C562	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C563	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C564	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C567	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C568	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C570	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C571	NDC31HJ-271X	C CAPACITOR	270pF 50V J	
C572	QEKC1HM-225Z	E CAPACITOR	2.2uF 50V M	
C573	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C574	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C577	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C578	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C581	QEKC1CM-106Z	E CAPACITOR	10uF 16V M	
C597	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C941	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C942	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C943	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C944	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C945	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C946	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C947	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C948	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C949	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C959	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C960	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C961	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C968	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C970	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C972	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1504	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C1551	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C1552	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1581	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1582	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2001	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2002	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2005	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2006	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2009	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2013	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2014	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2018	QETN1AM-476Z	E CAPACITOR	47uF 10V M	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C2019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2020	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2101	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2102	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2109	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2110	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2113	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2114	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2115	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C2116	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C2129	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2133	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2134	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2139	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2140	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2143	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2144	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2149	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2150	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2201	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2202	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2209	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2210	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2229	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C2230	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C2241	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2242	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2243	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2244	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2245	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2246	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2249	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2250	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2281	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2282	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2283	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2284	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2285	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2286	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2287	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2288	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2301	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2309	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2323	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2325	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2341	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2342	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2343	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2349	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2381	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2382	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2383	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2385	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2387	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C2401	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2409	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2411	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2412	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2421	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2422	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2423	NCB31CK-823X	C CAPACITOR	0.082uF 16V K	
C2425	QFN31HJ-333Z	M CAPACITOR	0.033uF 50V J	
C2429	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2433	NCB31CK-823X	C CAPACITOR	0.082uF 16V K	
C2435	QFN31HJ-333Z	M CAPACITOR	0.033uF 50V J	
C2449	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2483	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2485	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2487	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C2501	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2502	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2509	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2510	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2541	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2542	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2543	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2544	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2545	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2546	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2547	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2548	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2549	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2550	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2583	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2584	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2585	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2586	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2587	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2588	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2601	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2606	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2607	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2608	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2611	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2612	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2613	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2614	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2621	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2622	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2623	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2631	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2632	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2633	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2641	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2642	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2643	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2671	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2672	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2673	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2674	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2675	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2676	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C2677	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C2678	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
C2679	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2680	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2681	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2682	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2683	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C2684	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2685	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2686	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2687	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2688	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2690	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2691	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2692	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2693	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2701	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2702	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2703	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2731	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2751	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2771	QETN1AM-476Z	E CAPACITOR	47uF 10V M	
C2781	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2782	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2783	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2784	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2785	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2786	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2787	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2788	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2861	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2862	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2867	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C2868	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C2869	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C2881	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2884	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C2901	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2902	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2903	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C2911	QETN0JM-227Z	E CAPACITOR	220uF 6.3V M	
C2921	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2922	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2923	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2924	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2925	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2926	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2951	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2952	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2953	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2954	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2955	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C4501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4507	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C4508	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C4580	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C4581	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4582	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4583	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C4584	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4585	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C4586	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C4587	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C4588	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6505	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C6506	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C6515	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C6516	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C6589	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6590	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6591	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C6592	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8503	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8504	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8507	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8508	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8509	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8510	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8511	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C8512	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C8513	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8514	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8515	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C8516	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C8517	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8518	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8519	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8520	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C8522	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8523	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8524	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8525	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8526	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C8528	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8534	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8535	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8536	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8537	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8538	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8540	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8541	NCB31EK-473X	C CAPACITOR	0.047uF 25V K	
C8542	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8543	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C8553	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C8554	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C8556	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C8558	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C8564	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8565	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C8566	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C8568	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C8569	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C8570	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C8571	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C8572	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C8573	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C8574	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C8575	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C8576	NCB31HK-221X	C CAPACITOR	220pF 50V K	D201SEN,D202BE
C8582	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C8583	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C8584	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C8585	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8586	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8587	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C8588	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C9501	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C9502	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C9506	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C9509	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C9510	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C9515	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C9516	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
R501	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J	
R502	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R505	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R506	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R561	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R562	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R563	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R564	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R565	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R566	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R567	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R568	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R569	NRSA63J-241X	MG RESISTOR	240Ω 1/16W J	
R570	NRSA63J-241X	MG RESISTOR	240Ω 1/16W J	
R571	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R572	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R573	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R574	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R575	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R576	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R577	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R579	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R580	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R585	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R586	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R587	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R588	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R589	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R593	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R594	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R595	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R596	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R598	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R961	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R962	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R963	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R964	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R965	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R966	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J	
R968	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R969	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R970	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R972	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R973	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R974	NRSA63J-106X	MG RESISTOR	10MΩ 1/16W J	
⚠ R1501	QRZ9015-2R2X	FUSI RESISTOR	2.2Ω	
⚠ R1502	QRZ9015-2R2X	FUSI RESISTOR	2.2Ω	
R1503	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1505	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1506	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1507	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R1508	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1509	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1511	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1512	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1513	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1514	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1515	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1519	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1520	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1521	NRSA63J-133X	MG RESISTOR	13kΩ 1/16W J	
R1522	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1523	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1524	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1525	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1526	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R1527	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1529	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1530	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1543	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1544	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1545	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1551	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	
R1552	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R1553	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1556	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1557	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R1558	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1567	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1571	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	
R1572	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R1573	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1579	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1580	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1581	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1582	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1583	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1584	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1585	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1586	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1589	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1590	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1592	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1593	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1594	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1595	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1596	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1599	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2001	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2002	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2003	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2004	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2007	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2008	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2011	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2012	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2013	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2014	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2017	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2018	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2021	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2022	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2023	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2024	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2101	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2103	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2104	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2109	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2110	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2111	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2112	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2113	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2114	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2115	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2116	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R2121	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2122	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2123	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2128	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2129	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2130	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2131	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2132	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2133	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2134	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2135	NRSA63J-363X	MG RESISTOR	36kΩ 1/16W J	
R2136	NRSA63J-363X	MG RESISTOR	36kΩ 1/16W J	
R2137	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2138	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2139	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2140	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2141	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2142	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2145	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2146	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2147	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2148	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2149	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2150	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2183	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2184	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2185	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2203	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2204	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2209	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2210	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2221	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R2222	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R2223	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2224	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2225	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R2226	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R2227	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2228	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2241	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2242	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2243	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2244	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2249	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2250	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2281	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2282	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2283	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2284	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2285	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2286	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2287	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2288	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2289	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2290	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2291	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2292	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2301	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2303	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2309	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2321	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2323	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2341	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2345	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2347	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2349	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2381	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2383	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2385	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2387	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2389	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2391	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2403	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2409	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2411	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R2412	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2421	NRSA63J-112X	MG RESISTOR	1.1kΩ 1/16W J	
R2422	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2423	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R2424	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2425	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2426	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2427	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2433	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R2434	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2435	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2449	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2481	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2483	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2485	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2487	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2489	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2491	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2502	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2503	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2509	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2510	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2541	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2542	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2543	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2544	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2549	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2550	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2581	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2582	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2583	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2584	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2585	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2586	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2587	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2588	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2589	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2590	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2591	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2592	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2601	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2602	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2603	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2604	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2605	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2606	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2607	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2608	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2611	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2614	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2621	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2623	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2624	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2625	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2626	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2627	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2628	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2629	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2631	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2632	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2633	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2635	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2636	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2637	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2638	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2639	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2640	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2641	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2642	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2643	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2644	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2647	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2671	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2673	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2681	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2682	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2683	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2684	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2685	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2686	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2687	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2688	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2701	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2702	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2703	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2704	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2705	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2706	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R2707	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2713	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2714	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2715	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2716	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2717	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2721	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2722	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2723	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2724	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2725	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R2726	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2727	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R2728	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2731	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2732	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2733	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2734	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2735	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2736	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2737	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2738	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2739	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2740	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2741	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2742	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2743	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2744	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2745	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2751	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2752	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2761	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2762	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2763	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2771	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2772	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2773	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2781	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2782	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2783	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2784	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2785	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2786	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2787	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2788	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2789	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2790	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2791	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2792	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2861	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2862	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2864	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2871	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2872	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2921	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2922	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2930	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2931	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2932	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2933	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2936	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2937	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2940	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

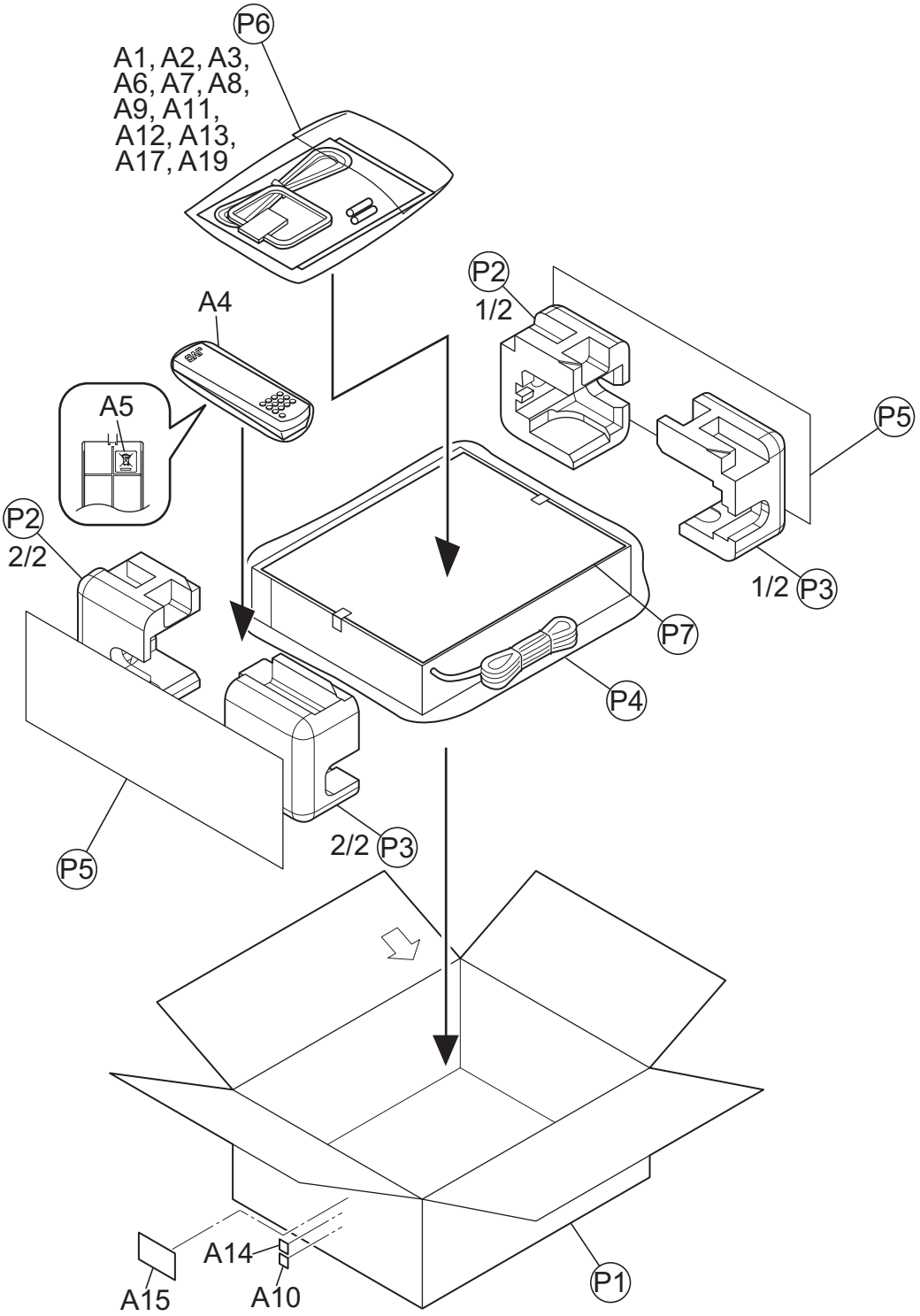
⚠ Symbol No.	Part No.	Part Name	Description	Local
R2941	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2942	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2943	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2945	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2946	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2947	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R4501	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R4502	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R4541	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4542	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4543	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4544	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4545	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4546	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4547	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R4548	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R4549	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6503	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6504	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R6505	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R6506	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R6517	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6518	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6519	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R6520	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
⚠ R6576	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6581	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6582	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6583	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6594	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8507	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8508	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8509	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8510	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8511	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R8512	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R8515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8516	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8517	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R8518	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R8519	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R8520	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R8521	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8522	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8523	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8524	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8525	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R8526	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8527	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8528	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8529	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8530	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8531	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R8532	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8535	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8536	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R8537	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8538	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R8539	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8540	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R8541	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8543	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8544	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8545	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8548	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8549	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R8550	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8551	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R8552	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8553	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R8554	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R8555	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8559	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R8560	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8561	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8562	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R8563	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R8564	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R8565	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8566	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R8567	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8568	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R8569	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8570	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
⚠ R8572	QRZ9015-2R2X	FUSI RESISTOR	2.2Ω	
⚠ R8573	QRJ146J-1R0X	UNF C RESISTOR	1Ω 1/4W J	
R8574	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8575	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8576	NRSA63J-301X	MG RESISTOR	300Ω 1/16W J	
R8577	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R8578	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8579	NRS144J-271X	MG RESISTOR	270Ω 1/4W J	
R8580	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R8581	NRS144J-271X	MG RESISTOR	270Ω 1/4W J	
R8582	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
⚠ R8583	QRZ9015-100X	FUSI RESISTOR	10Ω	
⚠ R8584	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J	
R8585	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8586	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8587	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R8588	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8589	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R8590	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9501	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R9502	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R9503	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9504	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9505	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9506	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9507	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9508	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R9509	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9510	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R9511	NRS144J-271X	MG RESISTOR	270Ω 1/4W J	
R9512	NRS144J-301X	MG RESISTOR	300Ω 1/4W J	
R9513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L901	NQL085J-100X	COIL	10uH J	
CN502	QGB2510J1-07	CONNECTOR	B-B (1-7)	
CN503	QJK002-141804-E	SIN CR C-B WIRE		
CN505	QGF1205C1-11	CONNECTOR	FFC/FPC (1-11)	
CN509	QJK002-061401-E	SIN CR C-B WIRE		
CN513	QGA2501F1-14	CONNECTOR	W-B (1-14)	
CN521	QJK002-092804-E	SIN CR C-B WIRE		
CN522	QGB2510K1-14	CONNECTOR	B-B (1-14)	
CN523	QJK002-021002-E	SIN CR C-B WIRE		
CN527	QGF1205C1-20	CONNECTOR	FFC/FPC (1-20)	
CN530	QGA2001C1-11	CONNECTOR	W-B (1-11)	
CN531	QGA2001C1-09	CONNECTOR	W-B (1-9)	
CN537	QGF1205F1-20	CONNECTOR	FFC/FPC (1-20)	
CN540	QGA2001C1-06	CONNECTOR	W-B (1-6)	
CN552	QGA2001C1-12	CONNECTOR	W-B (1-12)	
CN555	QGA2501C1-02	CONNECTOR	W-B (1-2)	D201SEN,D202BE
CN661	QGA2501F1-03	CONNECTOR	W-B (1-3)	
CN681	QGB2510J1-07	CONNECTOR	B-B (1-7)	
CN682	QGA2001F1-06	CONNECTOR	W-B (1-6)	
CN683	QGA2501F1-09	CONNECTOR	W-B (1-9)	
CN904	QJK021-031203-E	WIRE		
CN905	QJP001-032601-E	SHI CR C-B WIRE		
CN961	QJP001-034201-E	SHI CR C-B WIRE		
EP681	E409182-001SM	GRAND TERMINAL		
EP901	QNZ0136-001Z	EARTH PLATE		
FL501	QQR1372-001	LPF		
FL502	QQR1372-001	LPF		
FW501	WJS0048-003A-E	E-FL/RB WIRE		
J681	QNN0481-001	SURROUND JACK		
J901	QNS0247-001	JACK		
J903	QNZ0783-002	USB CONNECTOR		

⚠ Symbol No.	Part No.	Part Name	Description	Local
J4503	QNN0681-001	PIN JACK		
J6503	QNN0476-001	PIN JACK		
J8511	QNZ0625-001	RGB CONNECTOR		
J8512	QNZ0625-001	RGB CONNECTOR		
J8513	QNN0557-002	PIN JACK		
J9511	QNZ0625-001	RGB CONNECTOR		
K2861	NQR0269-004X	FERRITE BEADS		
UN682	TORX177	OPT RECEIVER		
X501	QAX0246-001Z	C RESONATOR	8.00MHz	
X502	QAX0263-001Z	CRYSTAL	4.332MHz	
X661	QAX0722-001Z	CRYSTAL	24.576MHz	
X671	QAX0719-001Z	C RESONATOR	6.144MHz	
X905	QAX0320-001Z	CRYSTAL	12.000MHz	

Packing materials and accessories parts list

Block No. M 3 M M

No additional / supplemental order of WARRANTY CARDs are available



Packing and Accessories

Block No. [M][3][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	A 1	LVT1320-010A	INST BOOK	ENG	D201SA
	A 1	LVT1320-008A	INST BOOK	ENG	D201SB
	A 1	LVT1320-007A	INST BOOK	CZE POL HUN RUS	D201SEV
	A 1	LVT1320-012A	INST BOOK	CHI(PEKIN)	D201SUF
	A 1	LVT1320-003A	INST BOOK	GER FRE	D201SE,D201SEN,D202BE
	A 2	LVT1320-005A	INST BOOK	SWE FIN DAN	D201SEN
	A 2	LVT1320-004A	INST BOOK	DUT	D201SE,D202BE
	A 3	LVT1434-002A	SHEET(WEEE)-K		D201SEN
	A 3	LVT1434-003A	SHEET(WEEE)-L		D201SEV
	A 3	LVT1434-001A	SHEET(WEEE)-J		D201SB,D201SE,D202BE
	A 4	RM-SRXD201RW2	REMOCON		D201SB,D201SE,D201SEN, D201SEV,D202BE
	A 4	RM-SRXD201J	REMOCON		D201SA,D201SUF
	A 5	LV44385-001A	RECYCLE LABEL		D201SB,D201SE,D201SEN, D201SEV,D202BE
	A 6	----------	WARRANTY CARD	BT-54027-1	D201SB,D201SE,D201SEN, D201SEV,D202BE
	A 7	----------	BATTERY	(x2)	
	A 8	QAL0457-001	ANT.WIRE		
	A 9	QAL0476-002	AM LOOP ANT		
	A 10	LV44438-001A	LABEL		D201SB,D201SE,D201SEN, D201SEV,D202BE
	A 11	----------	WARRANTY CARD	BT-56012-1	D201SA
	A 12	VNA3000-204	REGISTER CARD		D201SB
	A 13	LVT1320-006A	INST BOOK	SPA ITA	D201SEN
	A 14	E409393-004	GOST LABEL		D201SEV
	A 15	LV33572-037A	UF CARTON LABEL		D201SUF
	A 17	BT-59021-4	SVC CENTER LIST		D201SUF
	A 19	----------	WARRANTY CARD	BT-59019-1	D201SUF
	P 1	LV22029-004A	CARTON BOX		D201SA
	P 1	LV22029-002A	CARTON BOX		D201SB,D201SE,D201SEN,D201SEV
	P 1	LV22029-005A	CARTON BOX		D201SUF
	P 1	LV22029-007A	CARTON BOX		D202BE
	P 2	LV22006-001A	CUCHION(FRONT)		D201SUF
	P 2	LV22004-001A	CUCHION(FRONT)		D201SA,D201SB,D201SE,D201SEN, D201SEV,D202BE
	P 3	LV22007-001A	CUCHION(REAR)		D201SUF
	P 3	LV22005-001A	CUCHION(REAR)		D201SA,D201SB,D201SE,D201SEN, D201SEV,D202BE
	P 4	QPC06507015P	POLY BAG	65cm x 70cm	
	P 5	LV32034-019A	SHEET	(x2)	D201SUF
	P 5	LV32034-018A	SHEET	(x2)	D201SA,D201SB,D201SE,D201SEN, D201SEV,D202BE
	P 6	QPA02503505P	POLY BAG	25cm x 35cm	
	P 7	LV30256-015A	SHEET		

JVC

SCHEMATIC DIAGRAMS

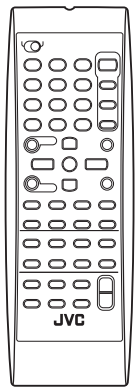
AUDIO / VIDEO CONTROL RECEIVER

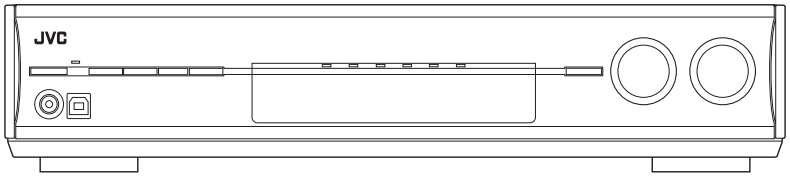
RX-D201S,RX-D202B

CD-ROM No.SML200511

RX-D201S	
Area suffix	
B	U.K.
E	Continental Europe
EN	Northern Europe
EV	Eastern Europe
A	Australia
UF	China

RX-D202B	
Area suffix	
E	Continental Europe





Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Contents

Block diagrams ---------- 2-1
Standard schematic diagrams ---------- 2-3
Printed circuit boards ---------- 2-15 to 20

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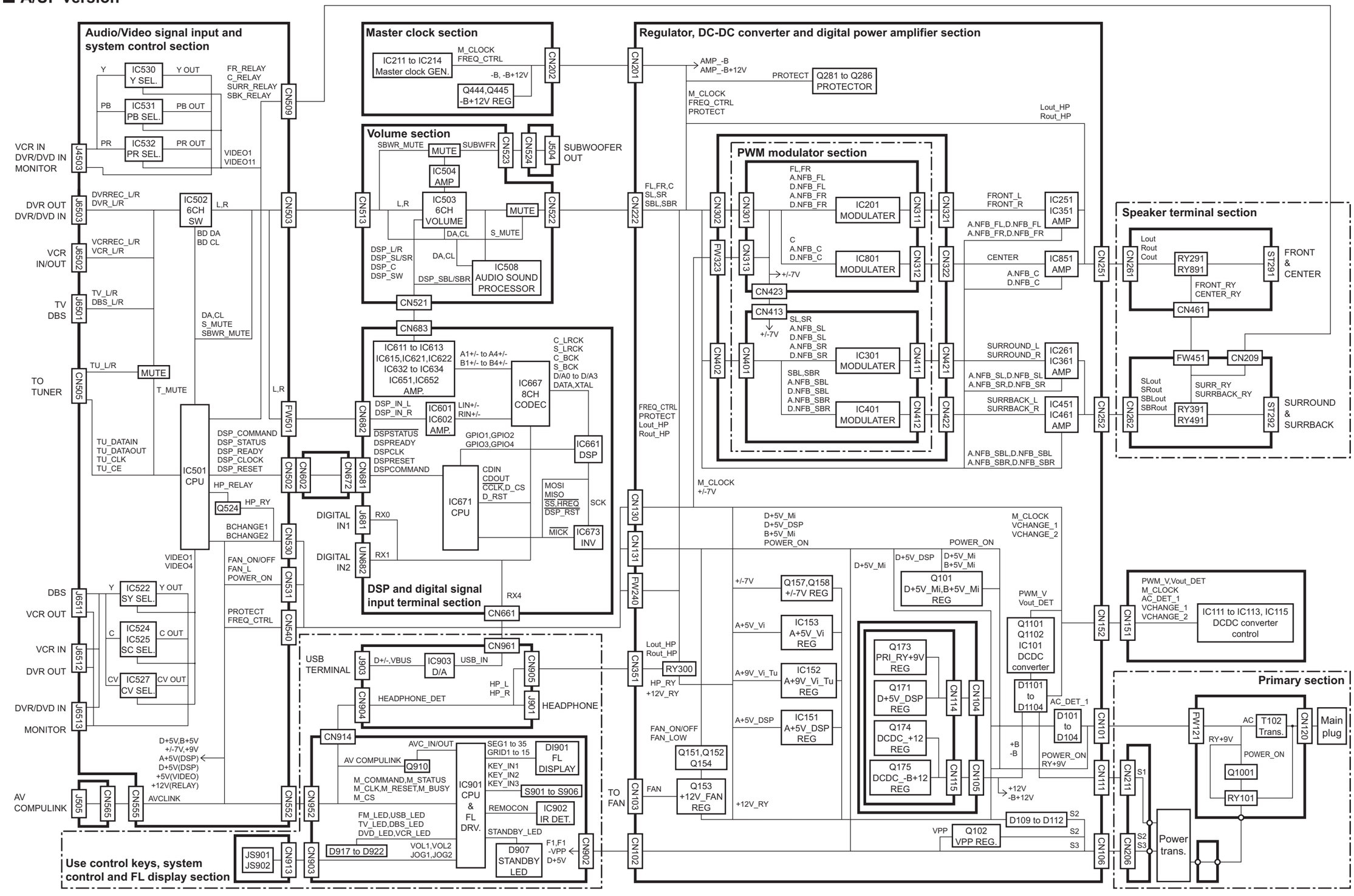
No.MB418SCH
2005/11

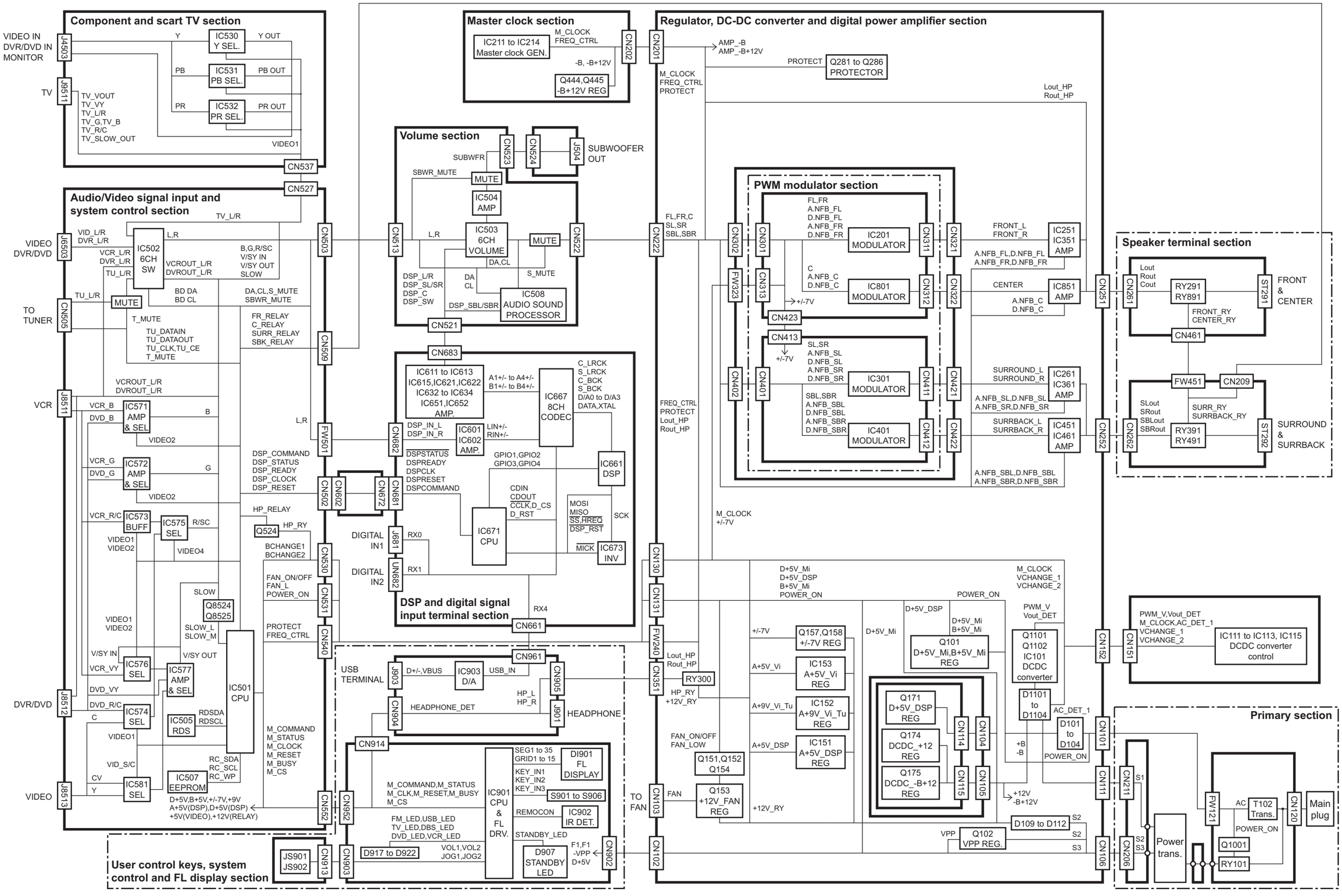
In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▬) and ICP (⬤) or identified by the "⚠" mark nearby are critical for safety.

Block diagrams

■ A/UF version



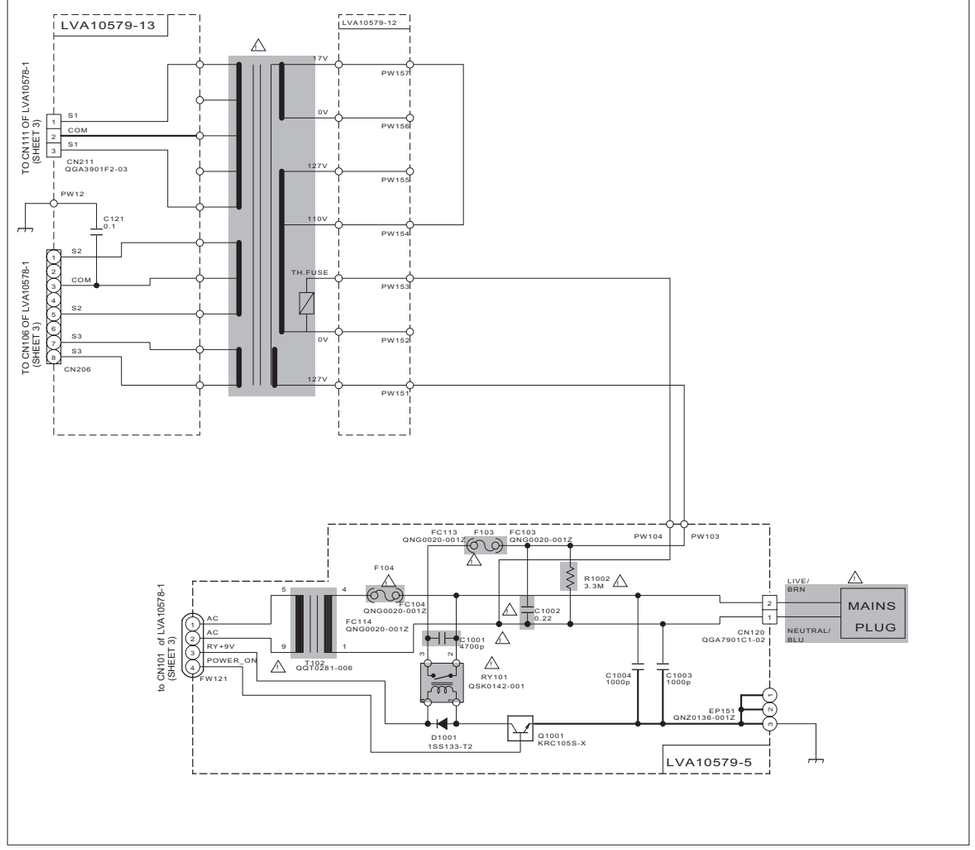
■ B/E/EN/EV version



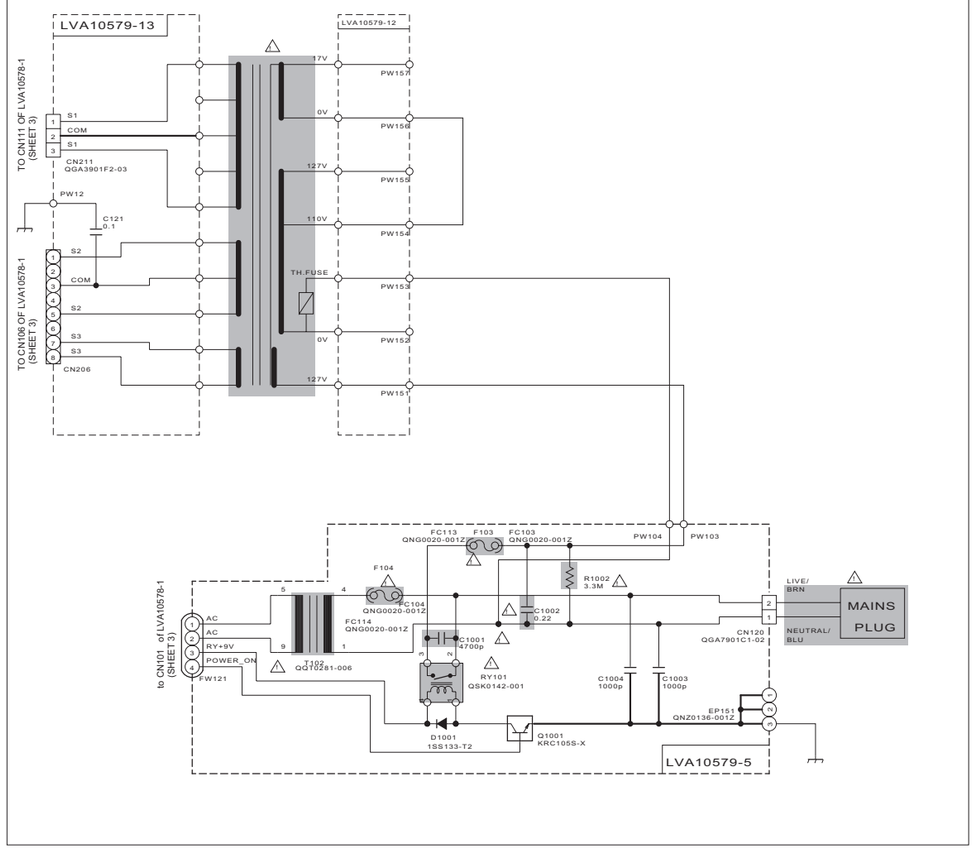
Standard schematic diagrams

■ Primary section (For A/UF version)

UP/UF



A

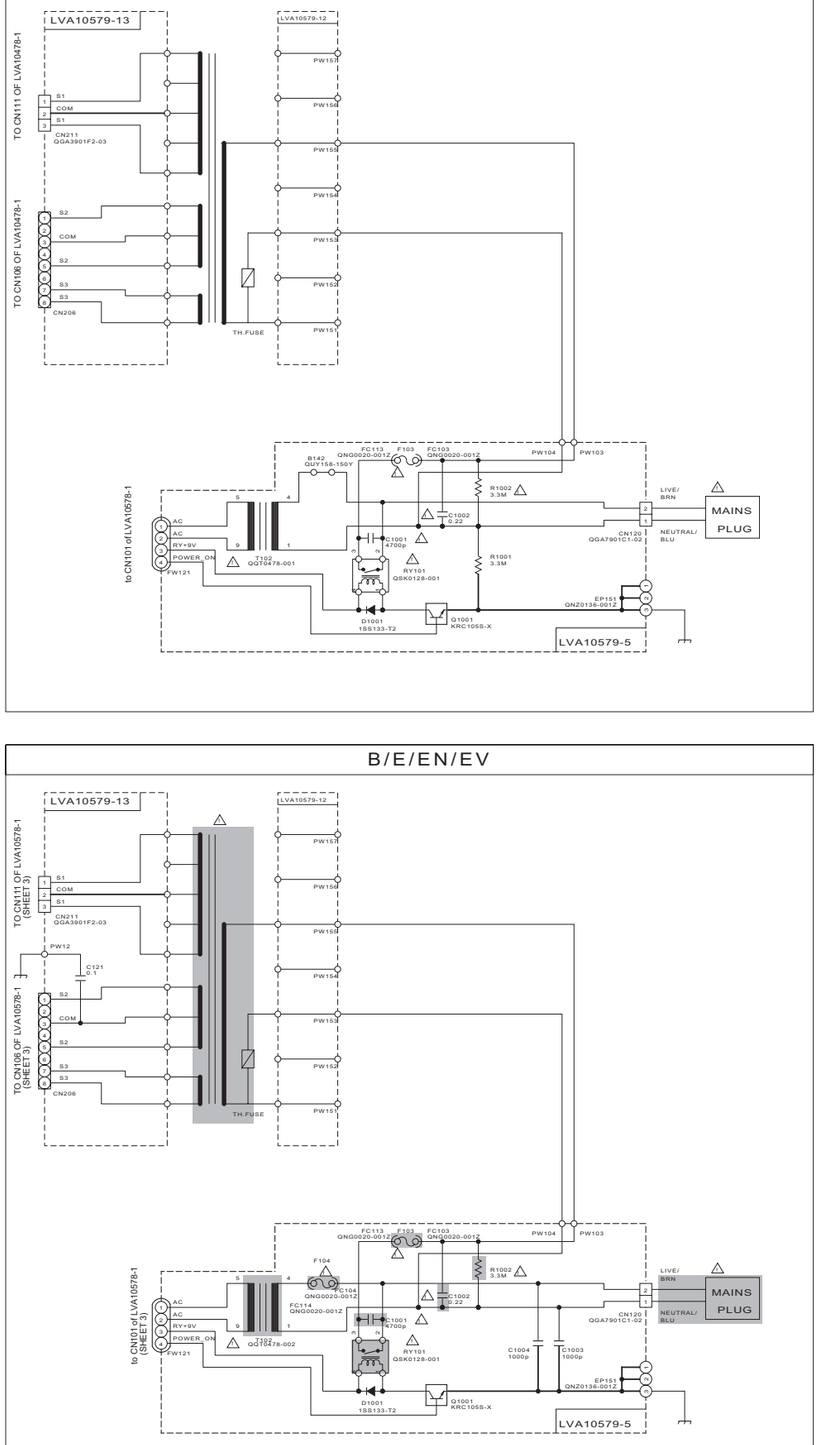


⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

SHEET 1

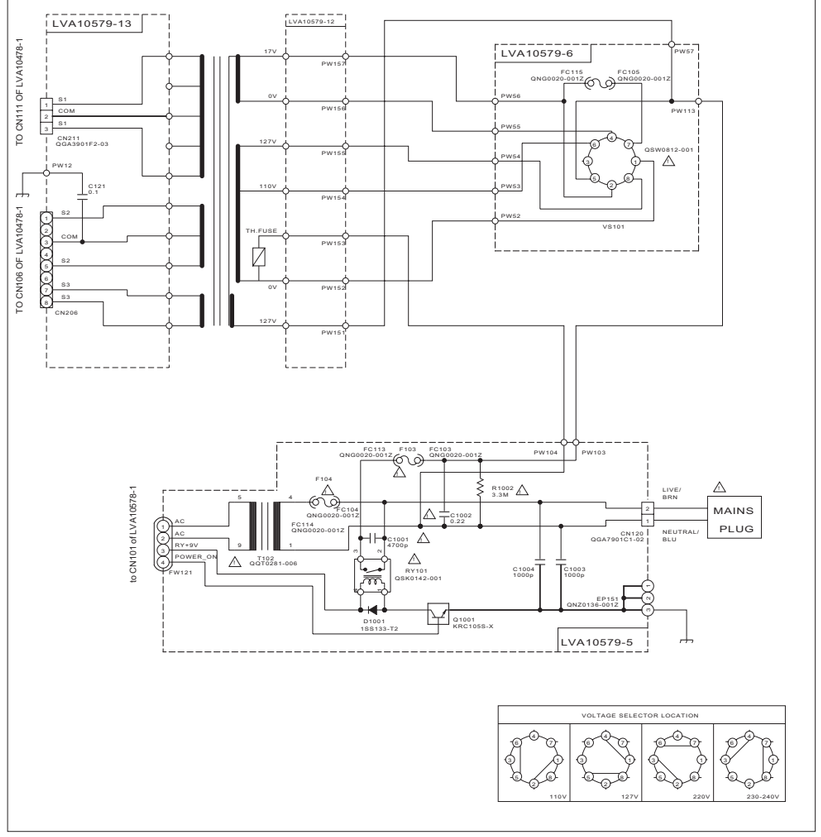
■ Primary section (For B/E/EN/EV version)

J/C



B/E/EN/EV

US/UJ/UN/UT



VOLTAGE SELECTOR LOCATION

	J/C	B/E/EN/EV	US/UJ/UN/UT	A	UP/UF
F103	QMF51U1-6R3-J8	QMF51W2-2R5-J8	QMF51W2-5R0-J8	QMF51W2-5R0-J8	QMF51W2-5R0-J8
F104	-	QMF5AE2-R10-J1	QMF5AE2-R10-J1	QMF5AE2-R10-J1	QMF5AE2-R10-J1

VOLTAGE MEASUREMENT CONDITION

- POWER ON
- SOURCE FM(NO SIGNAL)
- SURROUND OFF
- VOLUME 0

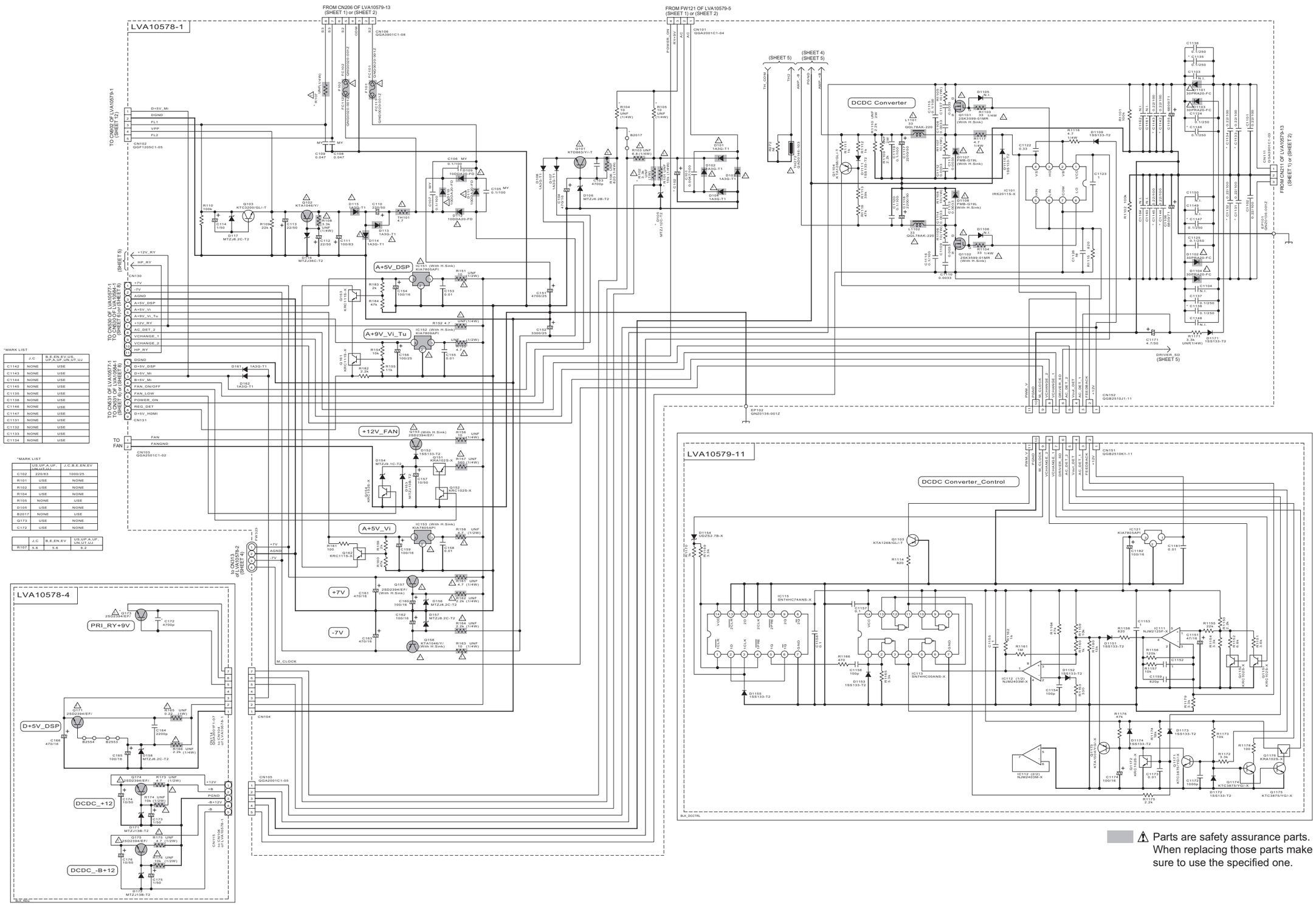
VERSION CODES

J ;U.S.A.
C ;CANADA
B ;U.K.
E ;CONTINENTAL EUROPE
EN:NORDIC COUNTRIES
EV:EAST EUROPEAN COUNTRIES
US;SINGAPORE
UJ;U.S. ARMY
A ;AUSTRARIA
UP;KOREA
UF;CHINA
UN;INDONESIA
UT;TAIWAN

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

SHEET 2

■ Regulator and DC-DC converter section (Common)



*MARK LIST

	J,C	B,E,EN,EV,US,UP,A,UF,UN,UT,UJ
C1142	NONE	USE
C1143	NONE	USE
C1144	NONE	USE
C1145	NONE	USE
C1135	NONE	USE
C1138	NONE	USE
C1146	NONE	USE
C1147	NONE	USE
C1131	NONE	USE
C1132	NONE	USE
C1133	NONE	USE
C1134	NONE	USE

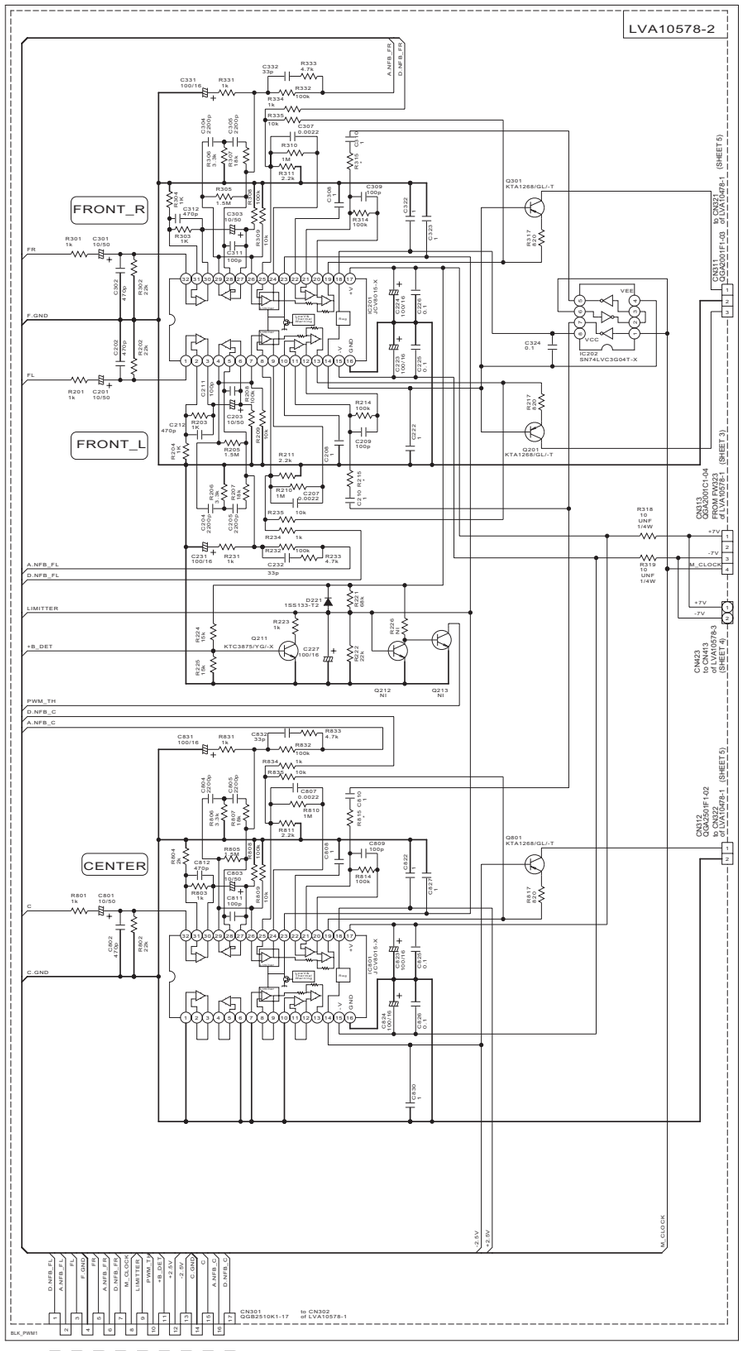
*MARK LIST

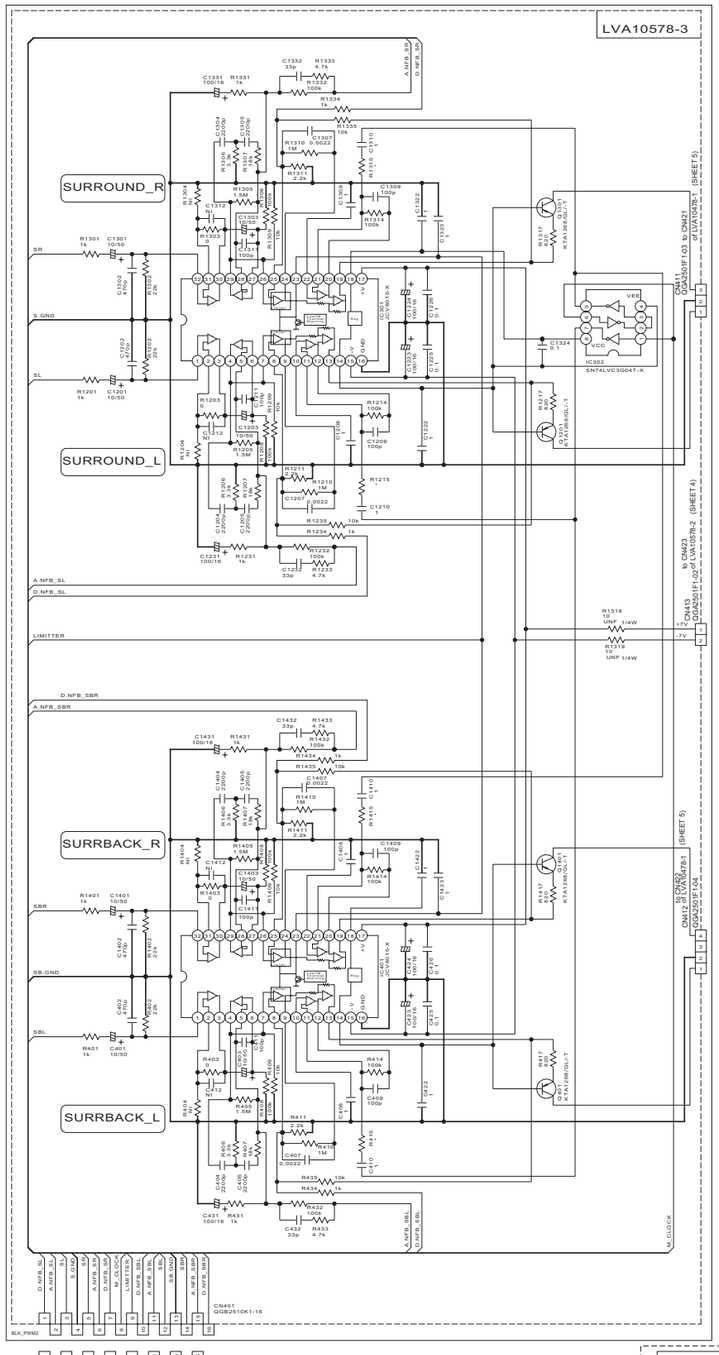
	US,UP,A,UF,UN,UT,UJ	J,C,B,E,EN,EV
C102	220/63	1000/25
R101	USE	NONE
R102	USE	NONE
R104	USE	NONE
R105	NONE	USE
D105	USE	NONE
B2017	NONE	USE
G173	USE	NONE
C172	USE	NONE

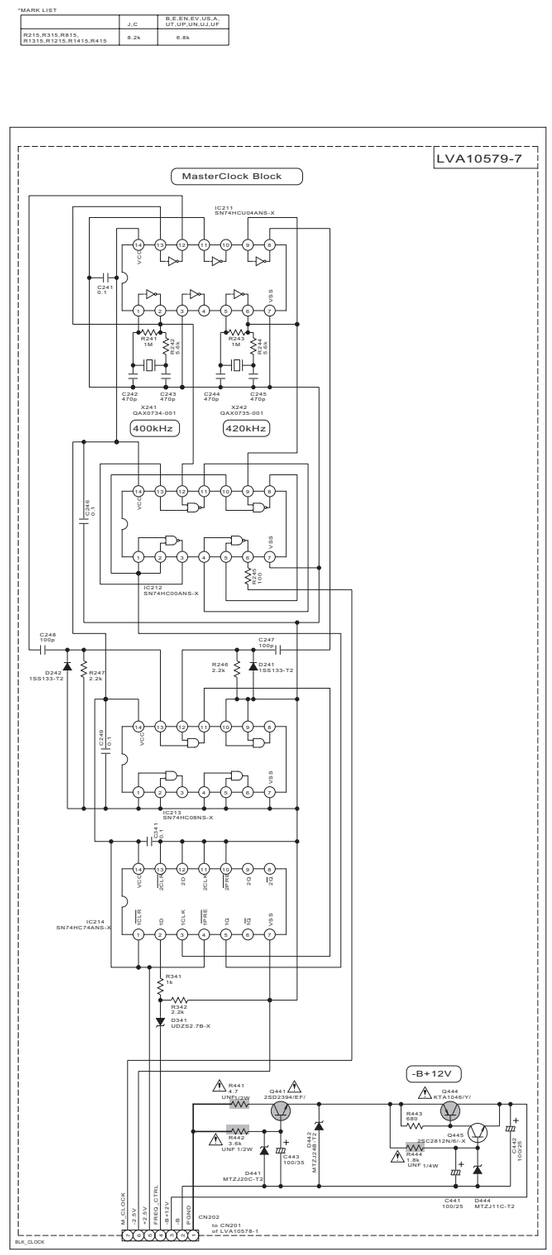
	J,C	B,E,EN,EV	US,UP,A,UF,UN,UT,UJ
R107	5.6	5.6	6.2

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

■ PWM modulator and master clock section (Common)

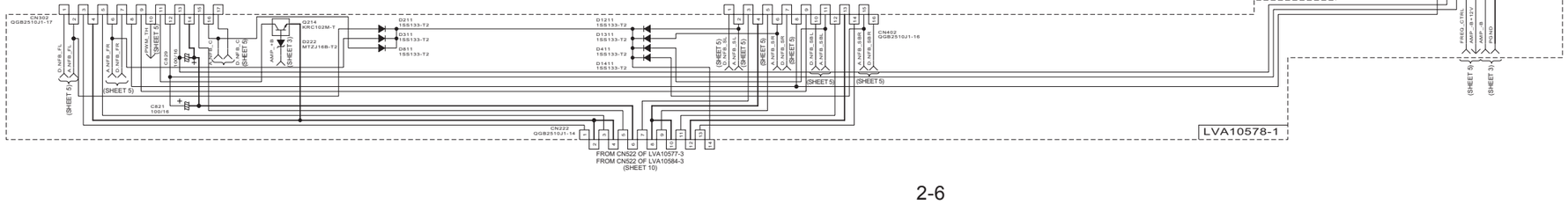






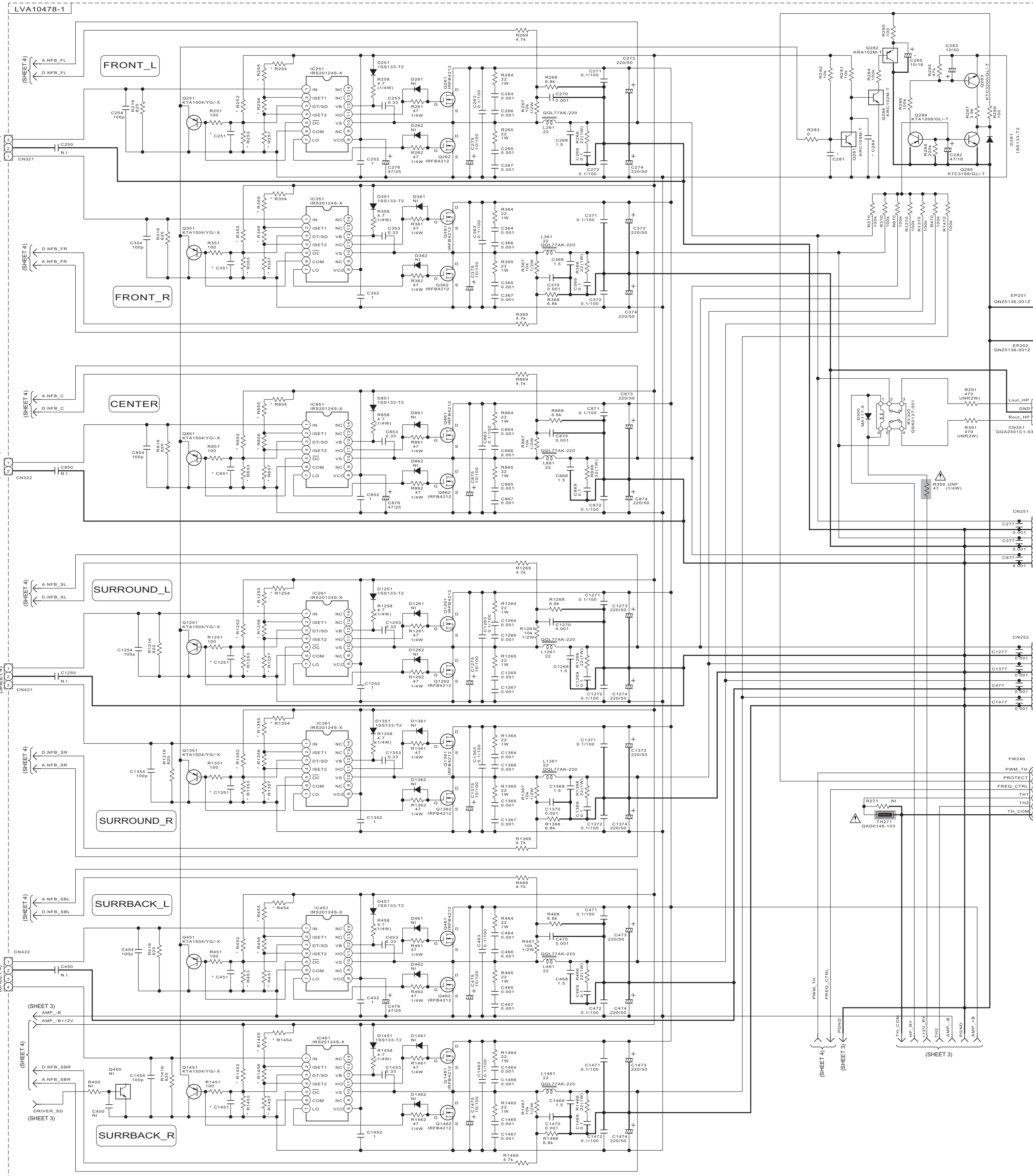
*MARK LIST

	J,C	B,E,EN,EV,US,A, UT,UP,UN,UJ,UF
R315,R315,R815, R1315,R1215,R1415,R415	8.2k	6.8k



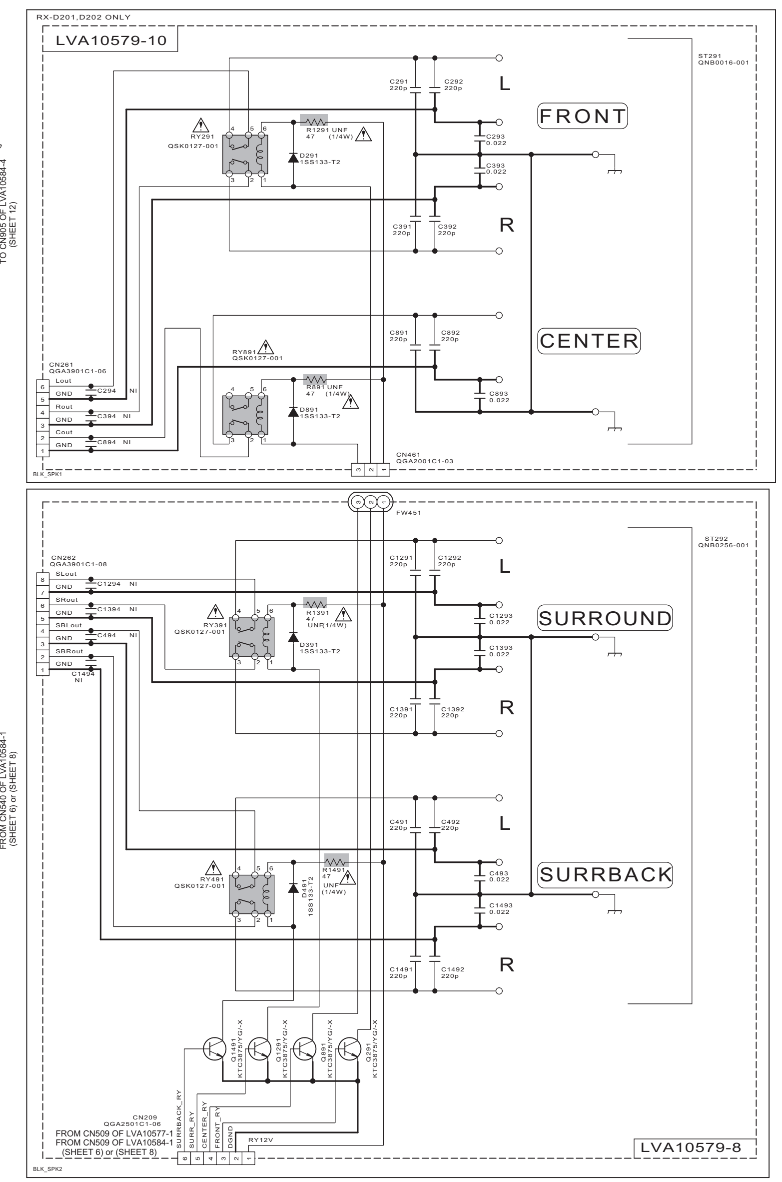
⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

■ Digital power amplifier and speaker terminal section (Common)


LVA10478-1
FRONT_L
FRONT_R
CENTER
SURROUND_L
SURROUND_R
SURRBACK_L
SURRBACK_R
FROM CN311 OF LVA10578-2 (SHEET 4)
FROM CN312 OF LVA10578-2 (SHEET 4)
FROM CN411 OF LVA10578-3 (SHEET 4)
FROM CN412 OF LVA10578-3 (SHEET 4)
TO CN905 OF LVA10577-4
TO CN905 OF LVA10584-4
(SHEET 12)
FROM CN540 OF LVA10577-1
FROM CN540 OF LVA10584-1
(SHEET 6) or (SHEET 8)
FW240
PWM_TH
PROTECT
FREQ_CTRL
TH1
TH2
TH_COM
CN251
CN252
CN351
QGA2501C1-03
EP201
QNZ0136-001Z
EP202
QNZ0136-001Z
RY300
QSK0127-001
R300 UNF 47 (1/4W)
TH271
QAD0146-103
(SHEET 3)
(SHEET 4)

*MARK LIST

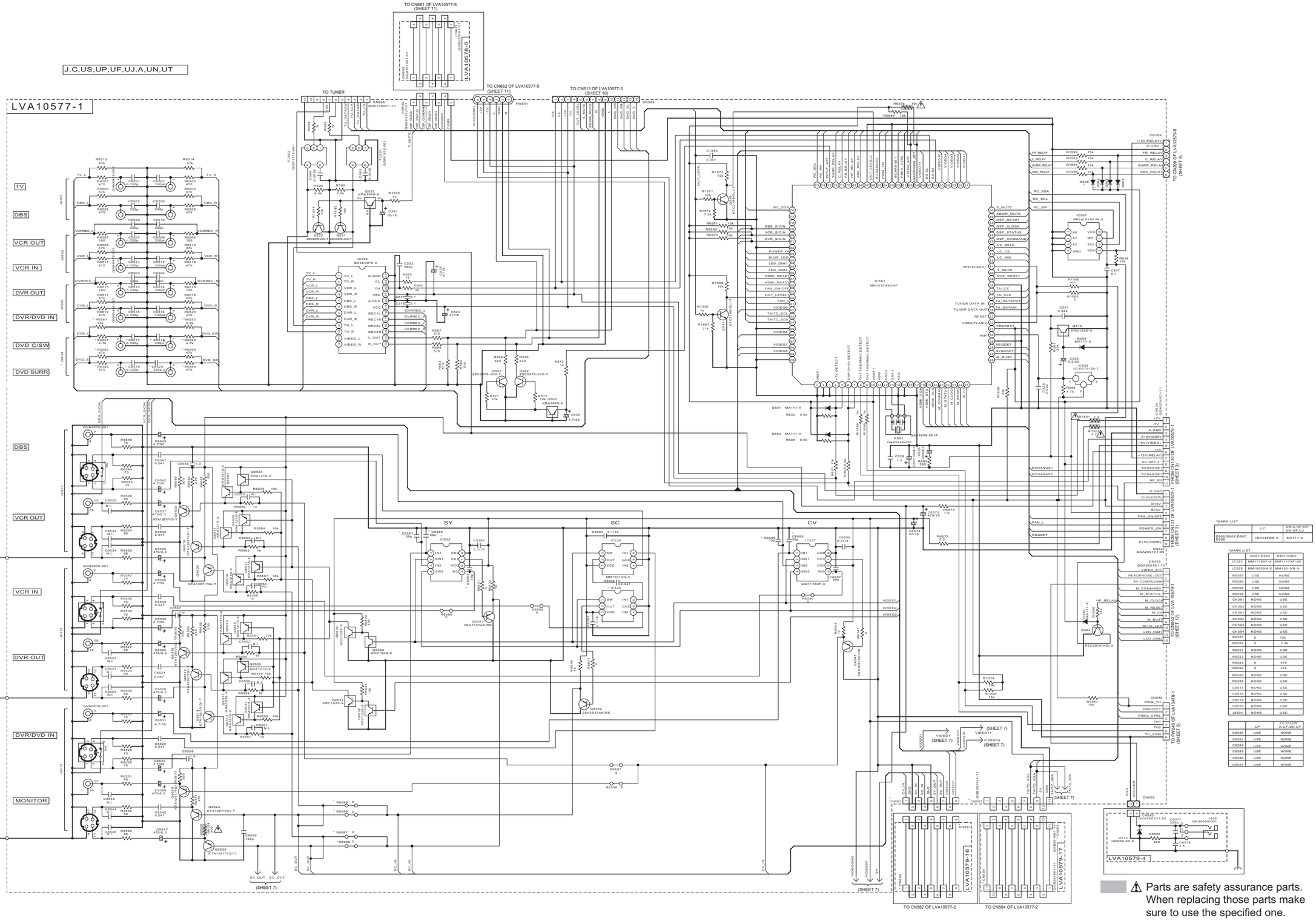
	J,C	B,E,EN,EV, US,A,UF,UN,UP,UT,UJ
R254,R354,R854,R1254, R1354,R454,R1454	220	330
R255,R355	7.5k	7.5k
R855,R1255,R1355,R455, R1455	9.1k	7.5k
R256,R356	3.3k	1.5k
R856,R1256,R1356,R456, R1456	2.2k	1.5k
R257,R357	470	1.5k
R857,R1257,R1357,R457, R1457	1.2k	1.5k
R252,R352,R852,R1252, R1352,R452,R1452	8.2k	10k
R253,R353,R853,R1253, R1353,R453,R1453	3.3k	3.9k
C251,C351,C851,C1251, C1351,C451,C1451	0.01	1000p
C281	0.1	0.01
C284	1	0.47
C285	NONE	USE


RX-D201,D202 ONLY
LVA10579-10
FRONT
CENTER
L
R
ST291
QNB0016-001
CN261
QGA3901C1-06
CN461
QGA2001C1-03
FW451
LVA10579-8
SURROUND
SURRBACK
ST292
QNB0256-001
CN262
QGA3901C1-08
CN209
QGA2501C1-06
FROM CN509 OF LVA10577-1
FROM CN509 OF LVA10584-1
(SHEET 6) or (SHEET 8)

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

SHEET 5

■ Audio/video signal input and system control section (For A/UF version)



*MARK LIST

	J,C	US,A,UP,UT, UN,UF,UJ
D505,D506,D507, D508	1N4448WS-X	MA111-X

*MARK LIST

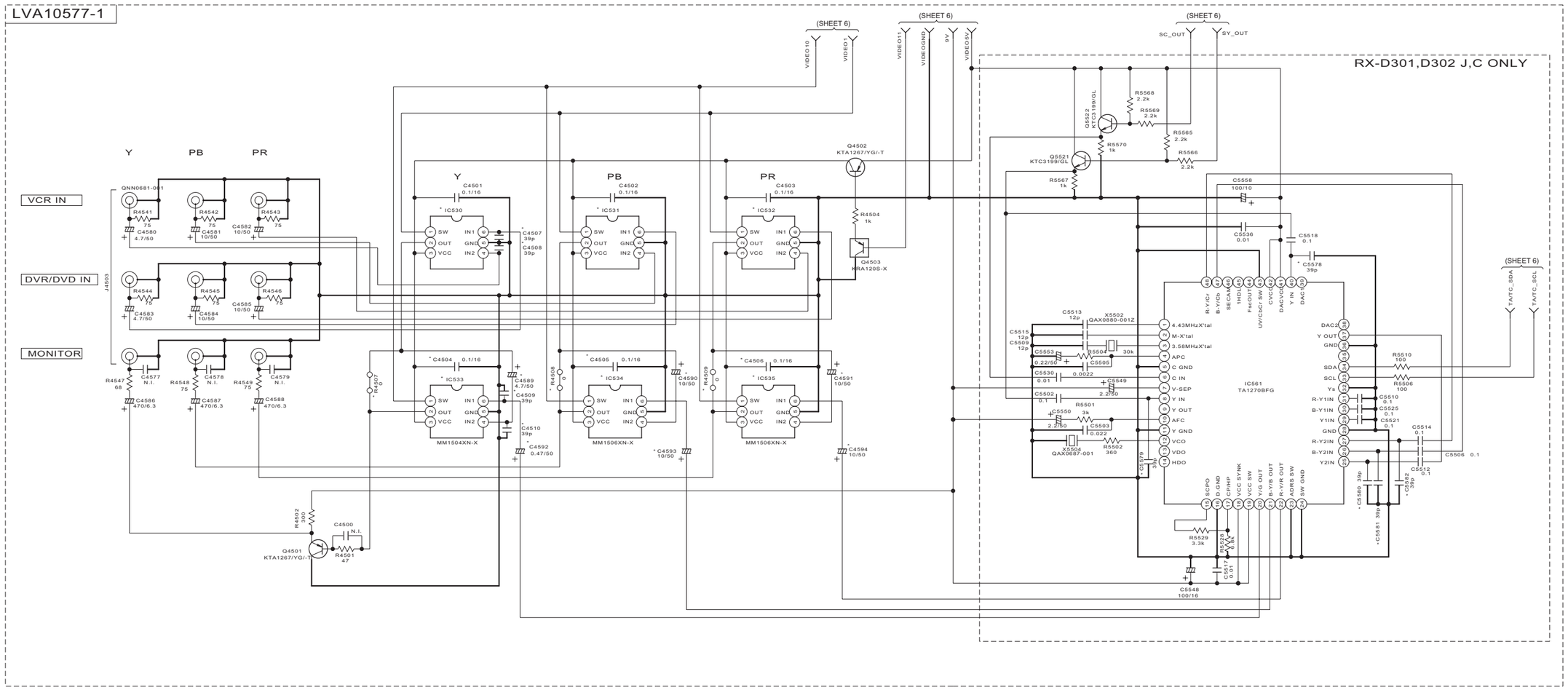
	D201,D202	D301,D302
IC532	MM1188XF-X	MM1177XF-XE
IC525	MM1502XN-X	MM1501XN-X
R6587	USE	NONE
R6588	USE	NONE
R6598	USE	NONE
R6599	USE	NONE
CN581	NONE	USE
CN583	NONE	USE
CN591	NONE	USE
CN592	NONE	USE
CN593	NONE	USE
CN594	NONE	USE
R6581	0	10k
R6582	0	3.3k
R6521	NONE	USE
R6522	NONE	USE
R6583	0	47k
R6584	0	47k
R6585	NONE	USE
R6586	NONE	USE
C6517	NONE	USE
C6518	NONE	USE
C6519	NONE	USE
C6520	NONE	USE
J6504	NONE	USE

	UP	J,C,UJ,US, A,UF,UN,UT
C6580	USE	NONE
C6581	USE	NONE
C6582	USE	NONE
C6585	USE	NONE
C6586	USE	NONE
C6587	USE	NONE

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

■ Audio/video signal input section (For A/UF version)

J,C,US,UP,UF,UJ,A



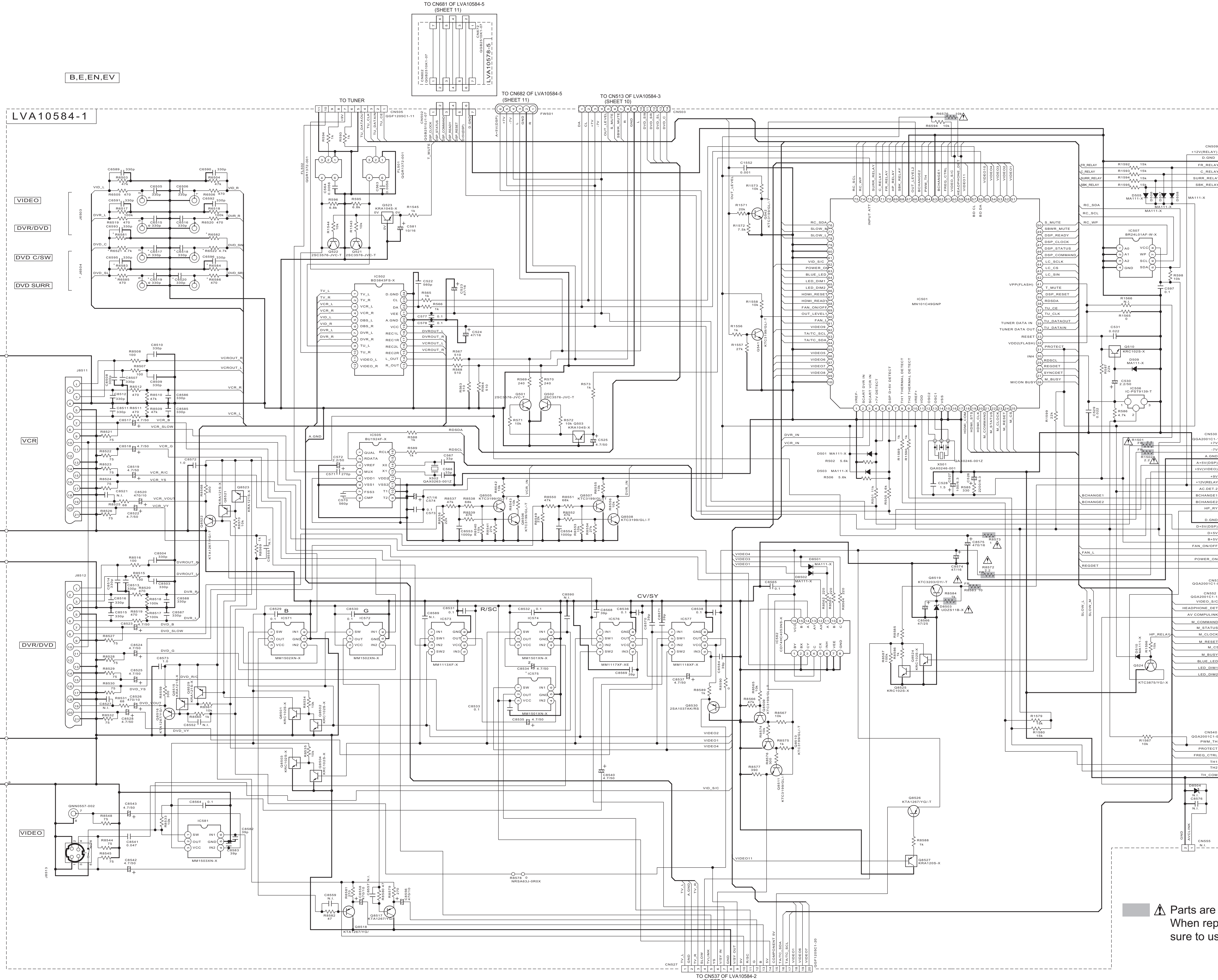
*MARK LIST

	D201,D202	D301,D302 J,C	D301,D302 US,A,UF,UJ
IC530	MM1504XN-X	MM1503XN-X	MM1504XN-X
IC531	MM1506XN-X	MM1501XN-X	MM1506XN-X
IC532	MM1506XN-X	MM1501XN-X	MM1506XN-X
IC533	NONE	USE	NONE
IC534	NONE	USE	NONE
IC535	NONE	USE	NONE
C4504	NONE	USE	NONE
C4505	NONE	USE	NONE
C4506	NONE	USE	NONE
C4589	NONE	USE	NONE
C4590	NONE	USE	NONE
C4591	NONE	USE	NONE
C4592	NONE	USE	NONE
C4593	NONE	USE	NONE
C4594	NONE	USE	NONE
R4507	USE	NONE	USE
R4508	USE	NONE	USE
R4509	USE	NONE	USE

	UP	J,C,UJ,US A,UF
C4507	USE	NONE
C4508	USE	NONE
C4509	USE	NONE
C4510	USE	NONE
C5578	USE	NONE
C5579	USE	NONE
C5580	USE	NONE
C5581	USE	NONE
C5582	USE	NONE

SHEET 7

■ Audio/video signal input and system control section (For B/E/EN/EV version)



B,E,EN,EV
LVA10584-1
TO CN681 OF LVA10584-5 (SHEET 11)
LVA10578-5
TO TUNER
TO CN682 OF LVA10584-5 (SHEET 11)
TO CN513 OF LVA10584-3 (SHEET 10)
VIDEO
DVR/DVD
DVD C/SW
DVD SURR
VCR
DVR/DVD
VIDEO
IC501 MN101C49GNP
IC502 BD3843FS-X
IC505 BU1924F-X
IC507 BR24L01AF-W-X
IC506 IC-PST9139-T
IC582 CD74HC4053NS-X
CV/SY
R/SC
TO CN209 OF LVA10579-8 (SHEET 5)
FROM CN130 OF LVA10578-1 (SHEET 3)
FROM CN131 OF LVA10578-1 (SHEET 3)
TO CN952 OF LVA 10579-1 (SHEET 12)
TO FW240 OF LVA10478-1 (SHEET 5)
TO CN537 OF LVA10584-2 (SHEET 9)

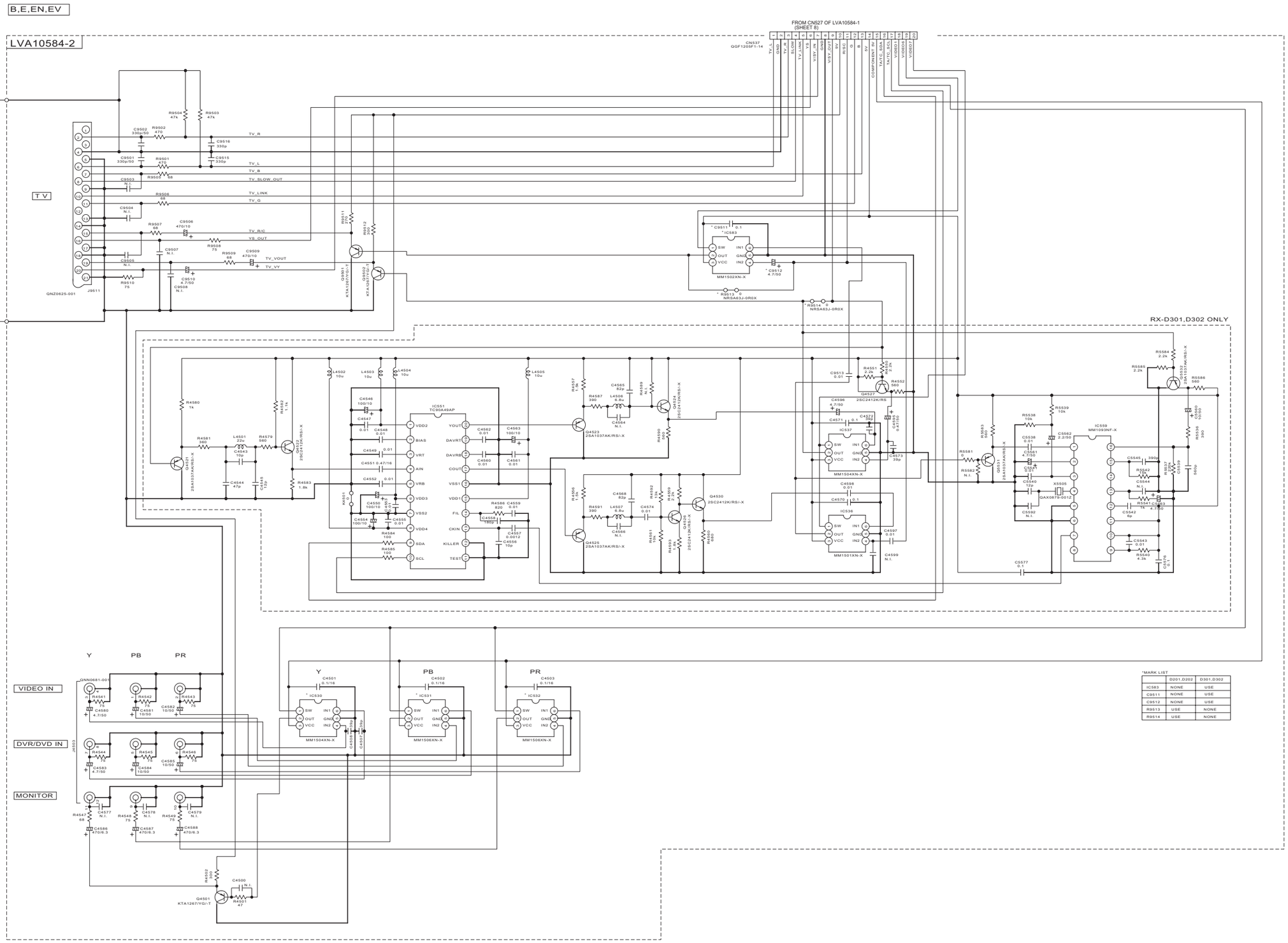
*MARK LIST

	D201	D301
R6581	0	13k
R6582	0	3.3k
R6521	NONE	USE
R6522	NONE	USE
R6583	0	47k
R6584	0	47k
R6585	NONE	USE
R6586	NONE	USE
C6517	NONE	USE
C6518	NONE	USE
C6519	NONE	USE
C6520	NONE	USE
J6504	NONE	USE

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

SHEET 8

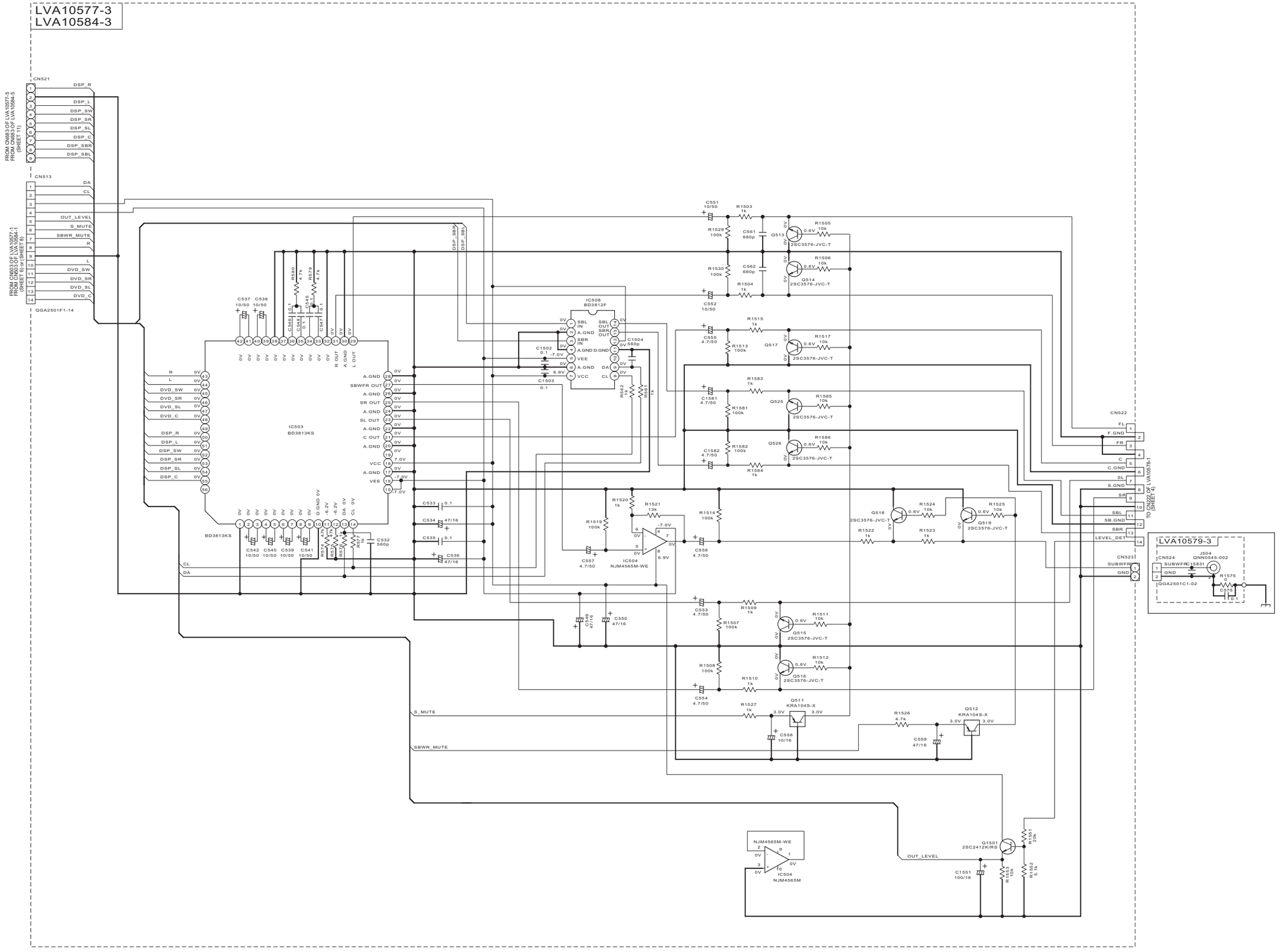
■ Component and scart TV section (For B/E/EN/EV version)



*MARK LIST

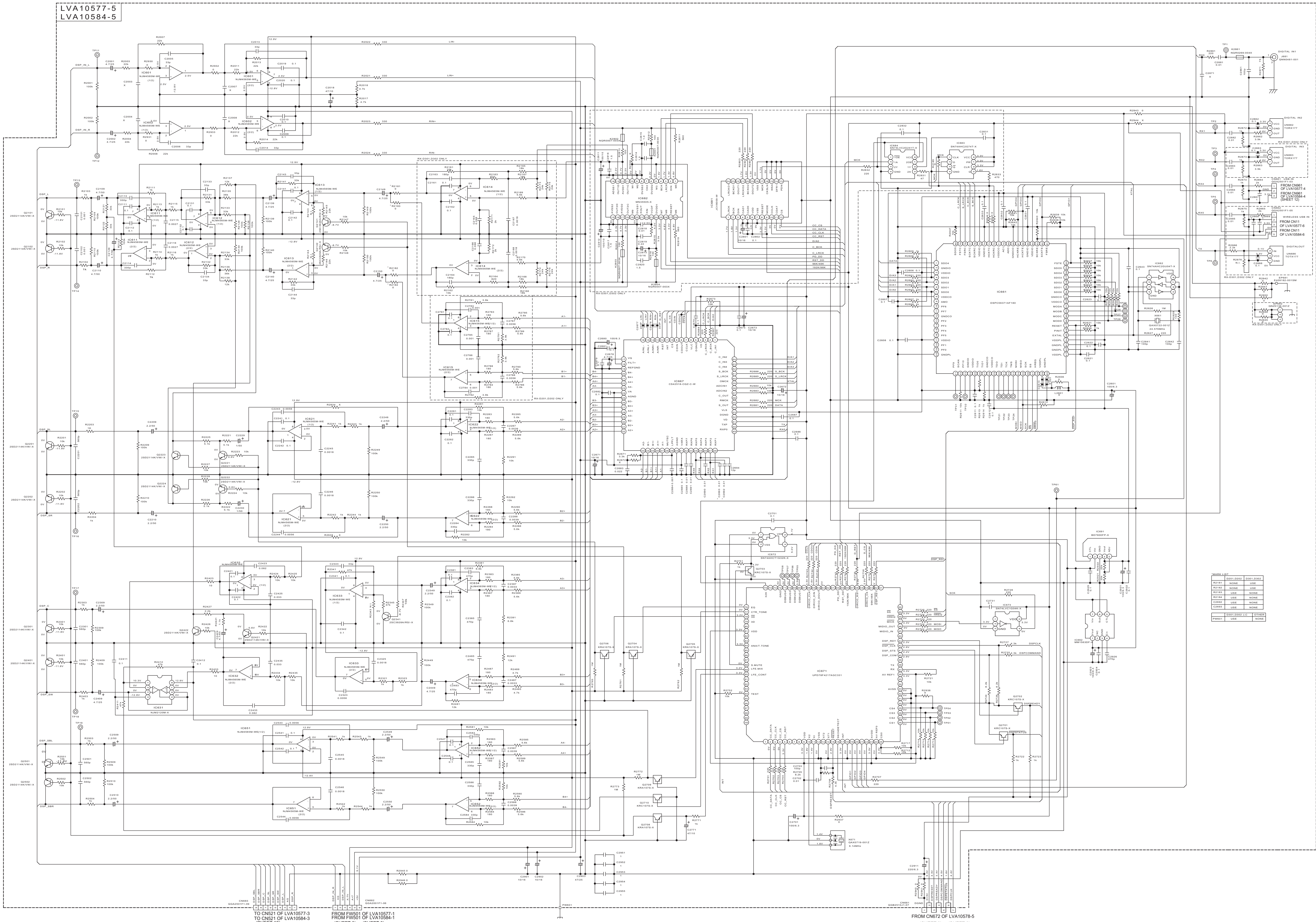
	D201,D202	D301,D302
IC583	NONE	USE
C9511	NONE	USE
C9512	NONE	USE
R9513	USE	NONE
R9514	USE	NONE

■ Volume section (Common)



SHEET 10

■ DSP and digital signal input terminal section (Common)

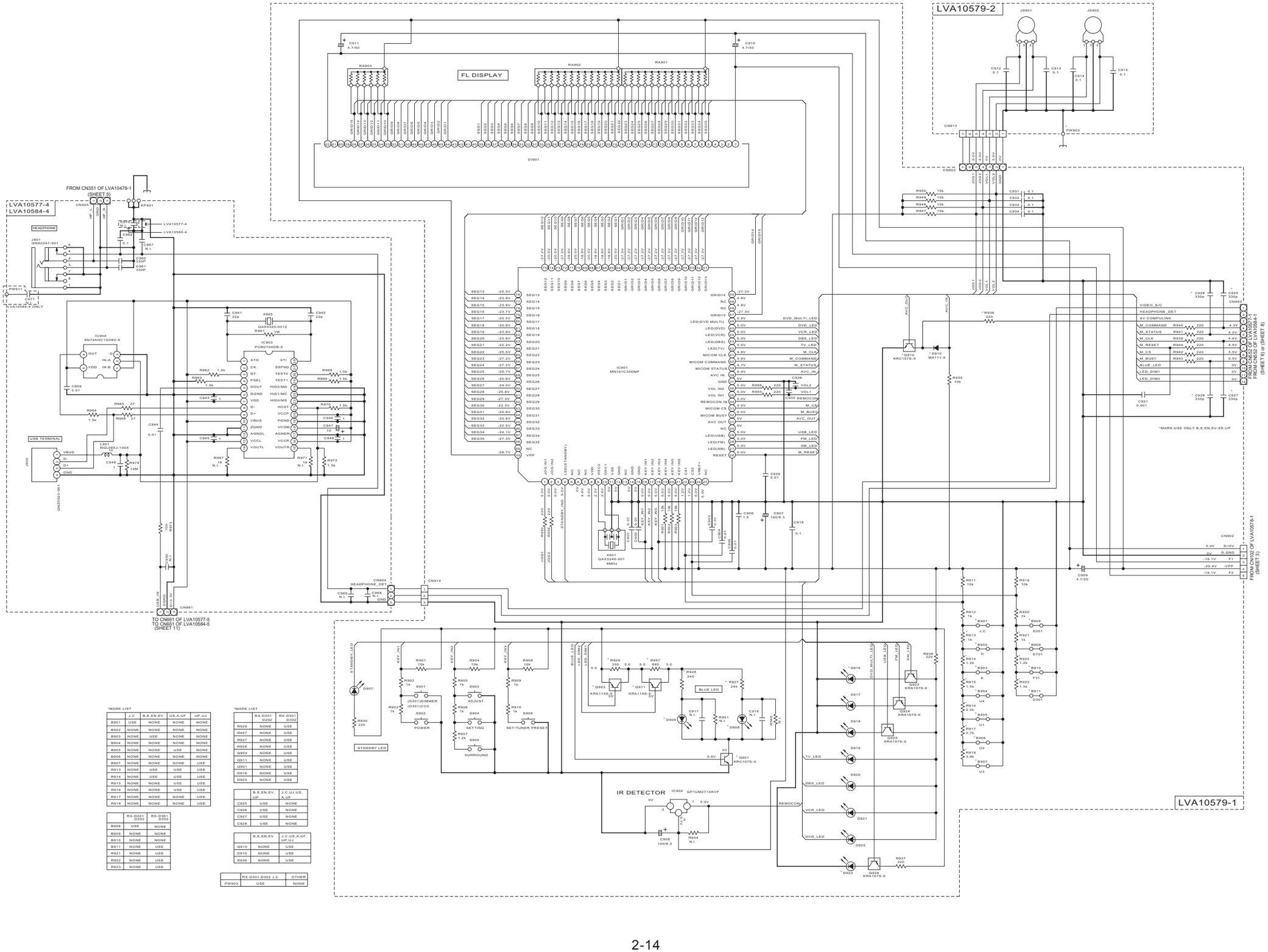

LVA10577-5
LVA10584-5
DSP_IN_L
DSP_IN_R
DSP_L
DSP_R
DSP_SL
DSP_SR
DSP_C
DSP_SW
DSP_SBL
DSP_SBR
IC601 NJM4565M-WE
IC602 NJM4565M-WE
IC611 NJM4565M-WE
IC612 NJM4565M-WE
IC613 NJM4565M-WE
IC614 NJM4565M-WE
IC615 NJM4565M-WE
IC621 NJM4565M-WE
IC622 NJM4565M-WE
IC631 NJM2120M-X
IC632 NJM4565M-WE
IC633 NJM4565M-WE
IC634 NJM4565M-WE
IC651 NJM4565M-WE
IC652 NJM4565M-WE
IC661 DSPC56371AF180
IC662 SN74AHC2GU04T-X
IC667 CS42518-CQZ-C-W
IC671 UPD78F4217AGC331
IC672 SN74AHCT1G32K-X
IC673 SN74LVC1G04K-X
IC681 JCV8009-W
IC682 MN35505-X
IC683 SN74AHC2G74T-X
IC684 SN74LVC2G241T-X
IC691 BD7800FP-X
IC692 MM1563DF-X
X661 QAX0722-001Z 24.576MHz
X671 QAX0719-001Z 6.14MHz
RX-D301,D302 ONLY
RX-D201,D202 ONLY
DIGITAL IN1
J681 QNN0481-001
DIGITAL IN2
UN682 TORX177
DIGITAL IN3
UN683 TORX177
CN661 USB IN QGA2501F1-03
FROM CN961 OF LVA10577-4
FROM CN961 OF LVA10584-4 (SHEET 12)
CN662 QGA2501F1-05
WIRELESS USB IN
FROM CN11 OF LVA10577-6
FROM CN11 OF LVA10584-6
DIGITALOUT
UN686 TOTX177
EP681 E409182-001SM
EP682 QNZ0136-001Z
CN683 QGA2501F1-09
TO CN521 OF LVA10577-3
TO CN521 OF LVA10584-3
(SHEET 10)
CN682 QGA2001F1-06
FROM FW501 OF LVA10577-1
FROM FW501 OF LVA10584-1
(SHEET 6) or (SHEET 8)
CN681 QGB2510J1-07
FROM CN672 OF LVA10578-5
(SHEET 6) or (SHEET 8)
PW601
*MARK LIST

	D201,D202	D301,D302
R2181	NONE	USE
R2182	NONE	USE
R2183	USE	NONE
R2184	USE	NONE
C2692	USE	NONE
C2693	USE	NONE

	D301,D302 J,C	OTHER
PW601	USE	NONE

SHEET 11

■ User control keys, system control and FL display section (Common)



*MARK LIST

	J,C	B,E,EN,EV	US,A,UF	UP,UJ
B901	USE	NONE	NONE	NONE
B902	NONE	NONE	NONE	NONE
B903	NONE	USE	NONE	NONE
B904	NONE	NONE	NONE	NONE
B905	NONE	NONE	USE	NONE
B906	NONE	NONE	NONE	USE
B907	NONE	NONE	NONE	USE
R913	NONE	USE	USE	USE
R914	NONE	USE	USE	USE
R915	NONE	NONE	USE	USE
R916	NONE	NONE	USE	USE
R917	NONE	NONE	NONE	USE
R918	NONE	NONE	NONE	USE

	RX-D201 D202	RX-D301 D302
B908	USE	NONE
B909	NONE	NONE
B910	NONE	NONE
B911	NONE	USE
R921	NONE	USE
R922	NONE	USE
R923	NONE	USE

*MARK LIST

	RX-D201 D202	RX-D301 D302
R929	NONE	USE
R957	NONE	USE
R927	NONE	USE
R928	NONE	USE
Q903	NONE	USE
Q911	NONE	USE
Q901	NONE	USE
D916	NONE	USE
D923	NONE	USE

	B,E,EN,EV, UP	J,C,UJ,US, A,UF
C925	USE	NONE
C926	USE	NONE
C927	USE	NONE
C928	USE	NONE

	B,E,EN,EV	J,C,US,A,UF, UP,UJ
Q910	NONE	USE
D910	NONE	USE
R936	NONE	USE

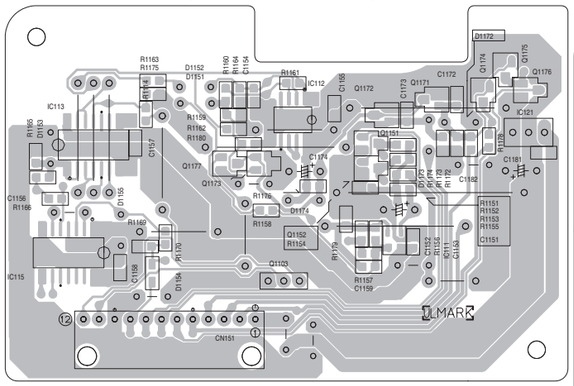
	RX-D301,D302 J,C	OTHER
PW903	USE	NONE

Printed circuit boards

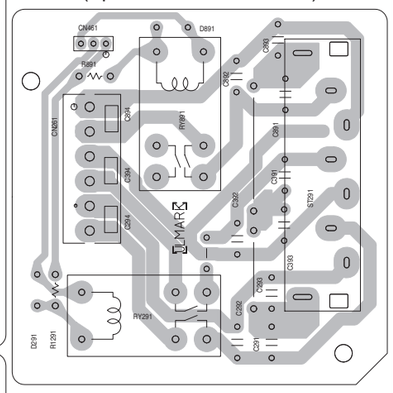
■ Front board (Common)

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

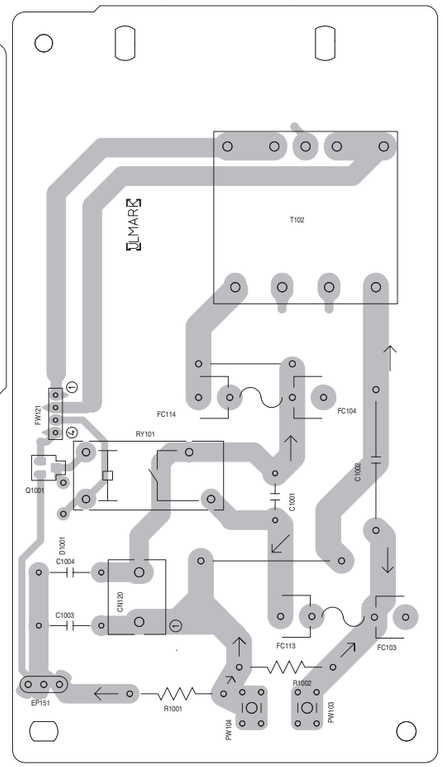
(DCDC control board)



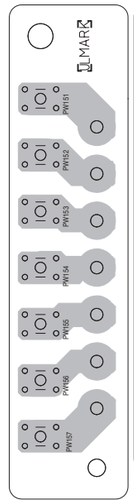
(Speaker terminal 1 board)



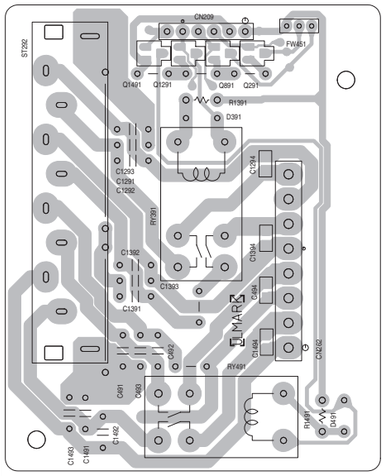
(Primary board)

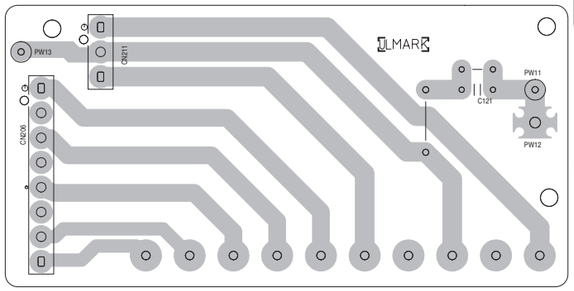


(Trans primary board)

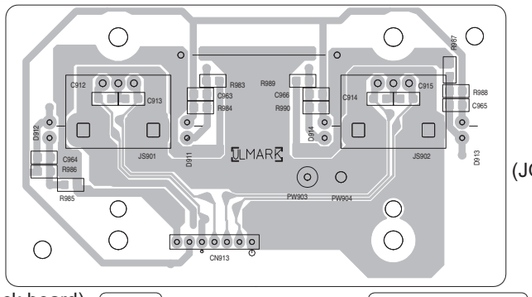


(Speaker terminal 2 board)



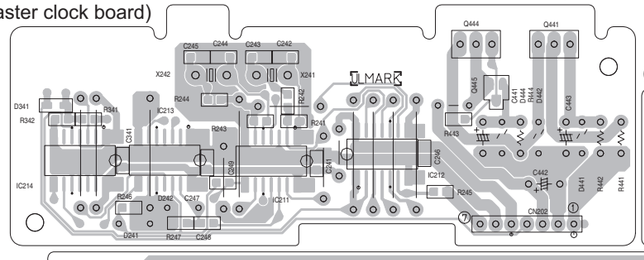


(Trans secondary board)



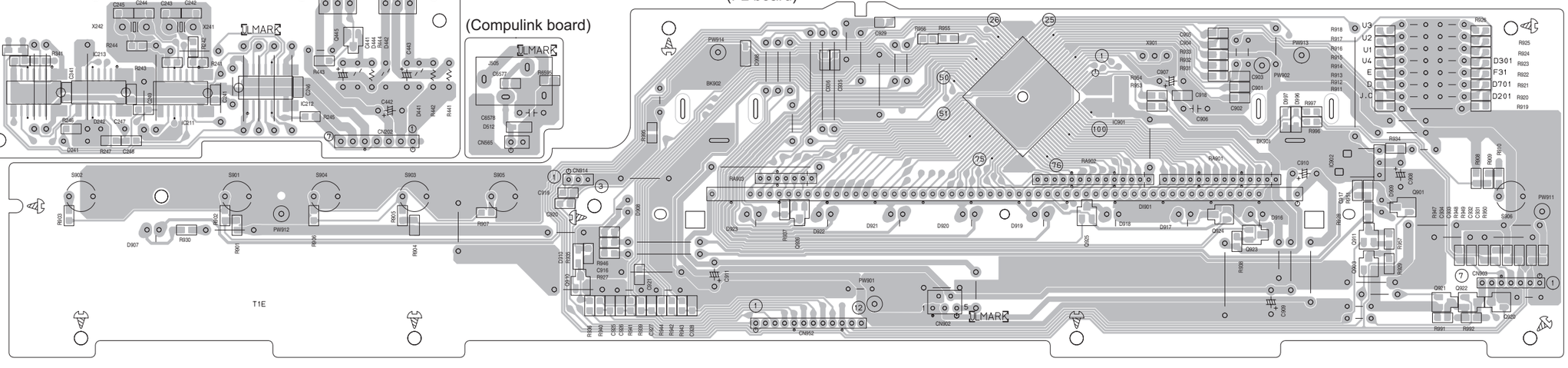
(JOG board)

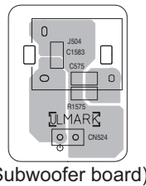
(Master clock board)



(Compulink board)

(FL board)



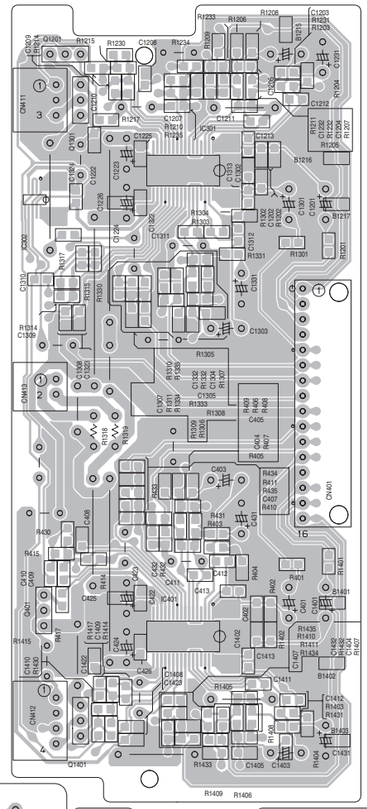


(Subwoofer board)

■ Amplifier board (Common)

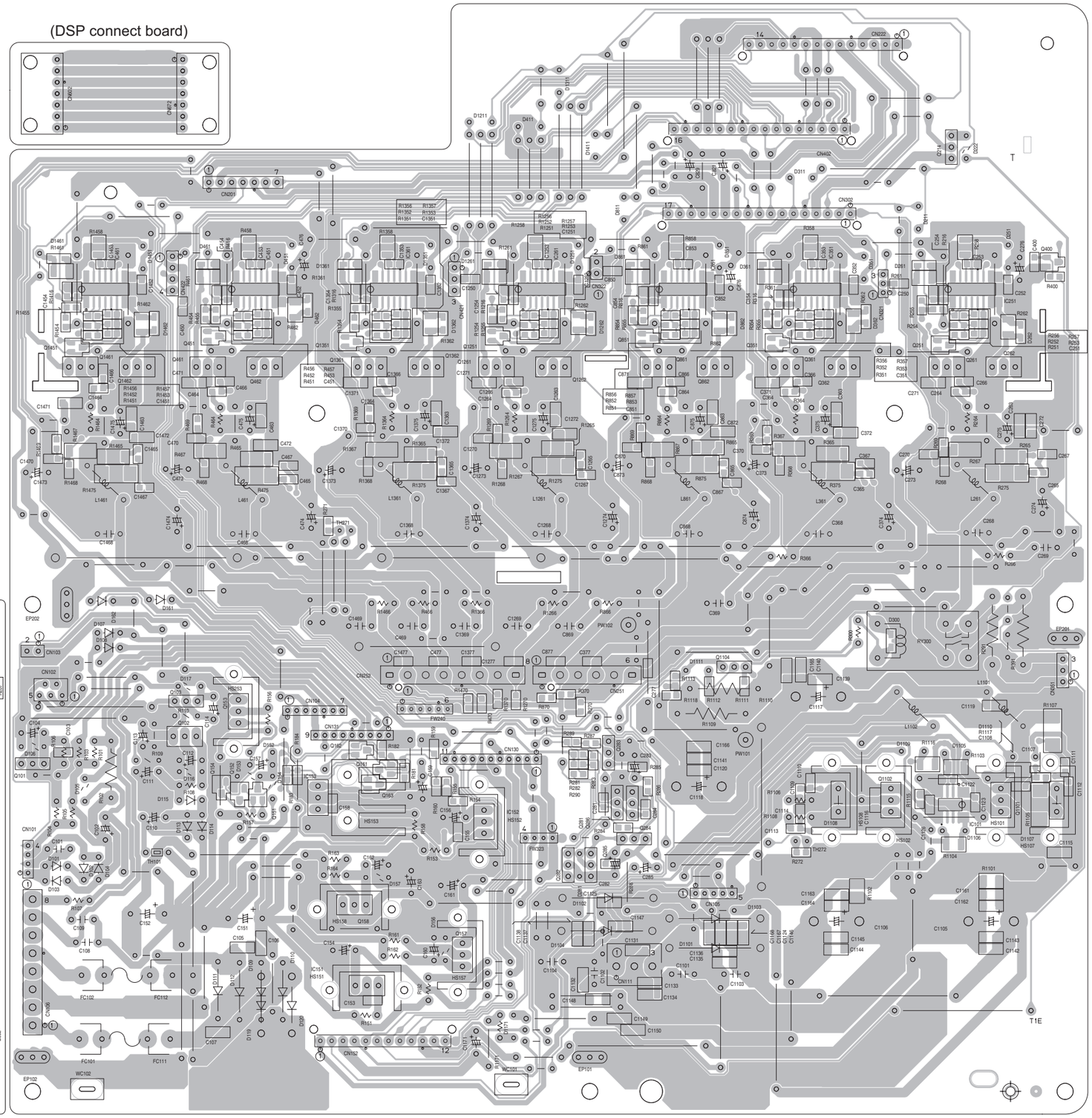
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

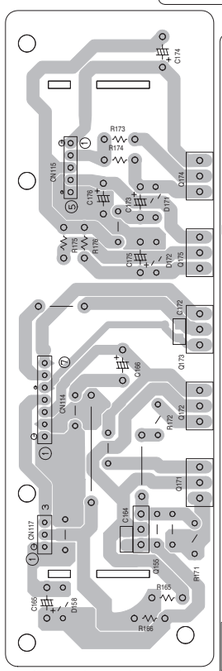
(PWM modulation 2 board)



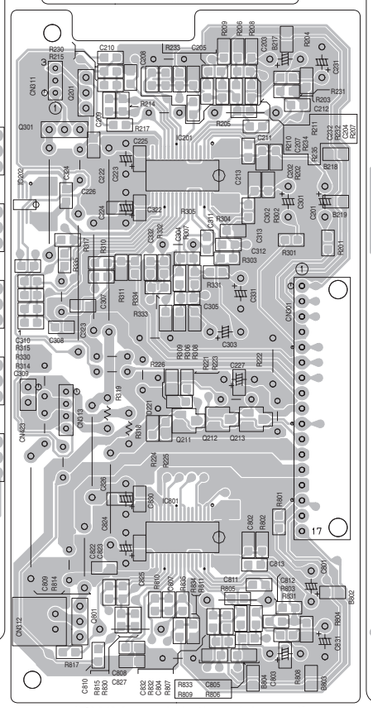
(DSP connect board)

(Main amplifier board)





(Regulator board)



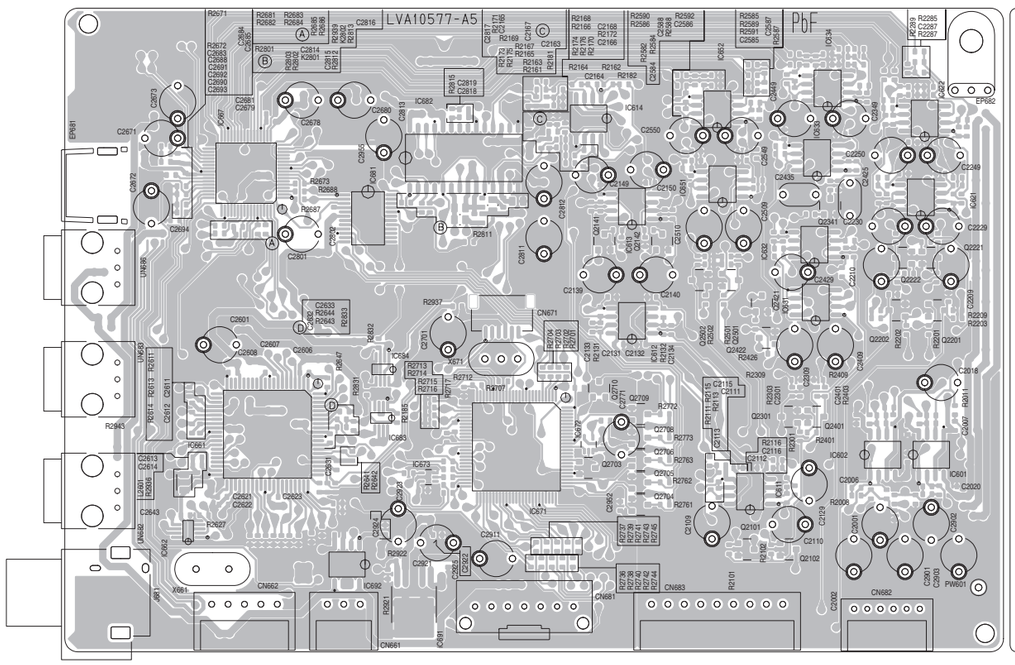
(PWM modulation 1 board)

■ Input board (For A/UF version)

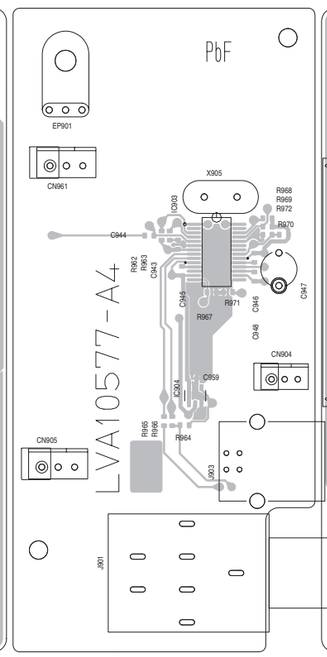
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Forward side

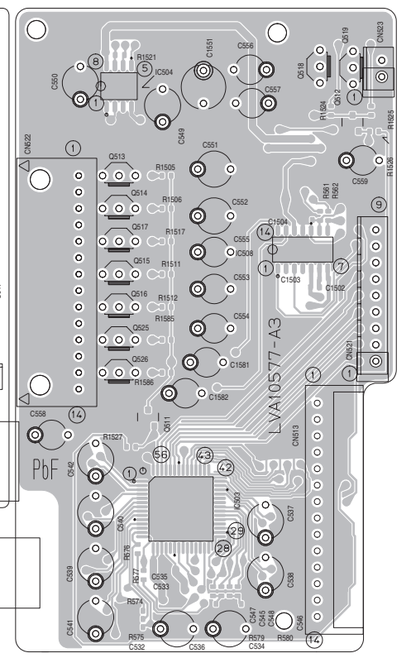
(DSP board)

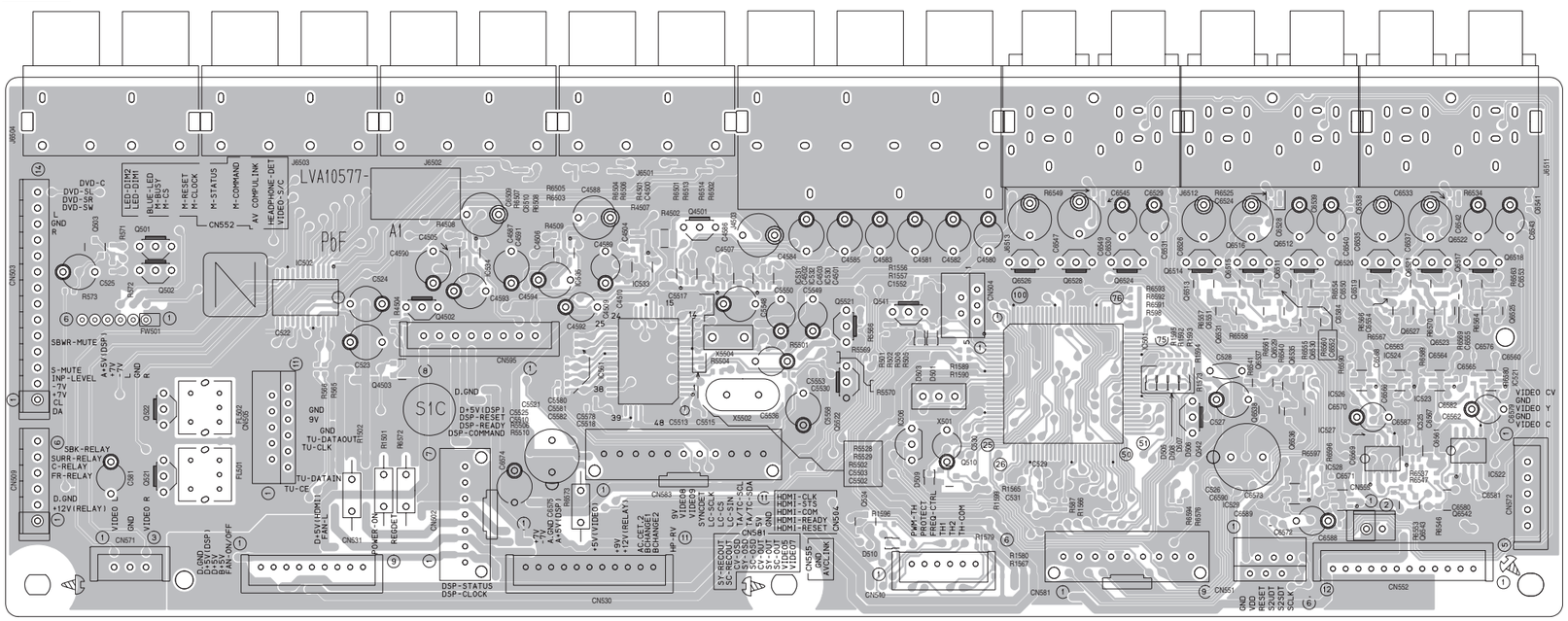


(OSD connect 2 board)



(OSD connect 1 board)





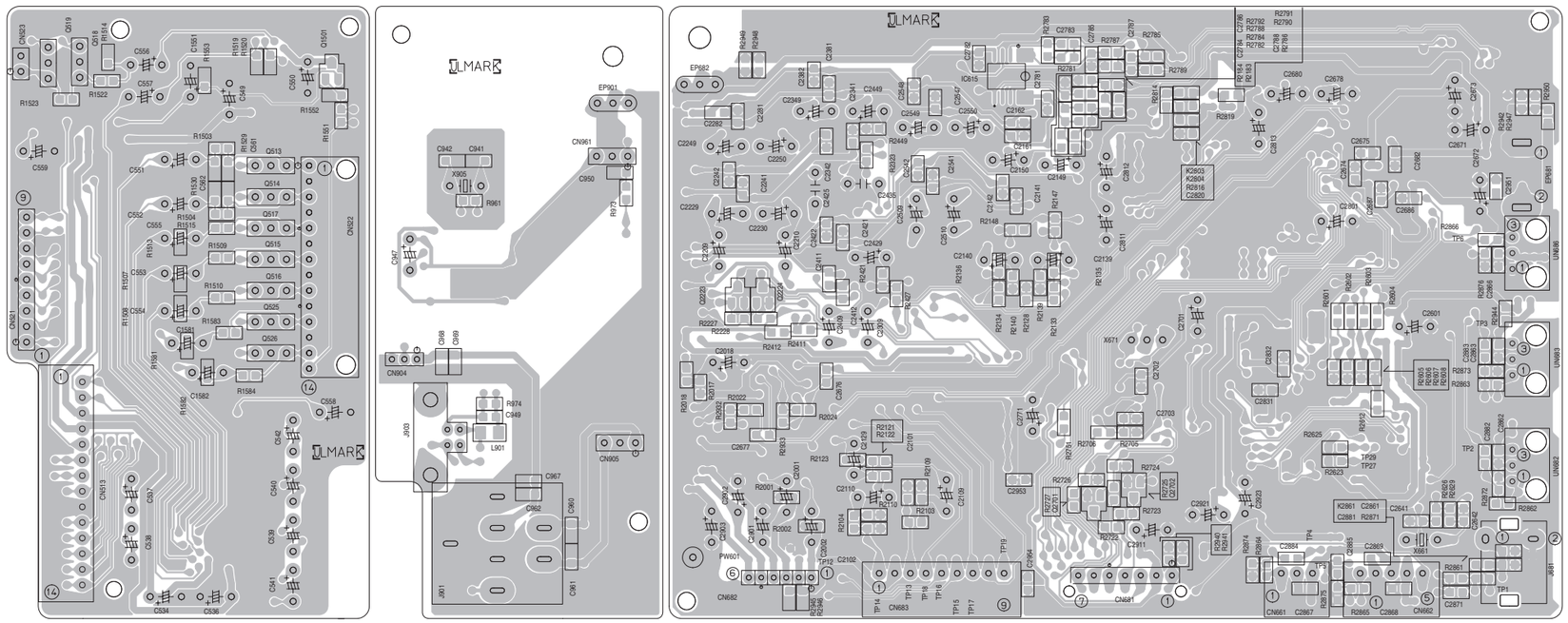
(Input board)

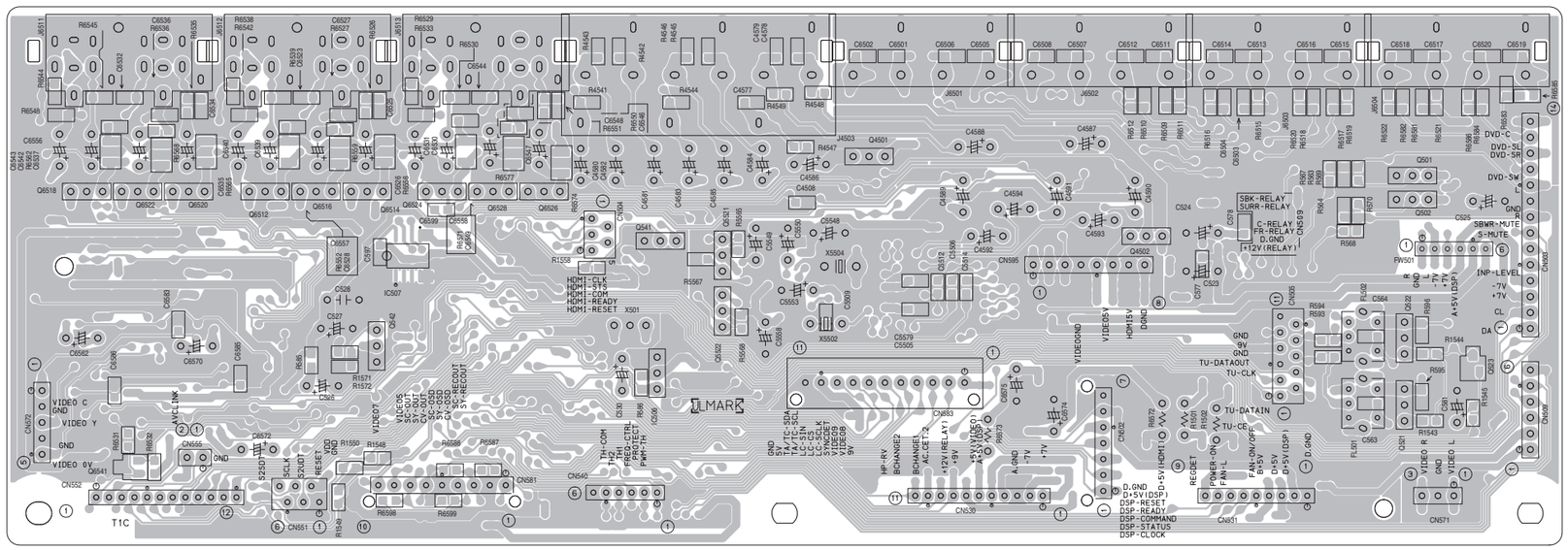
■ Input board (For A/UF version)

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Reverse side

(OSD connect 1 board) (OSD connect 2 board) (DSP board)





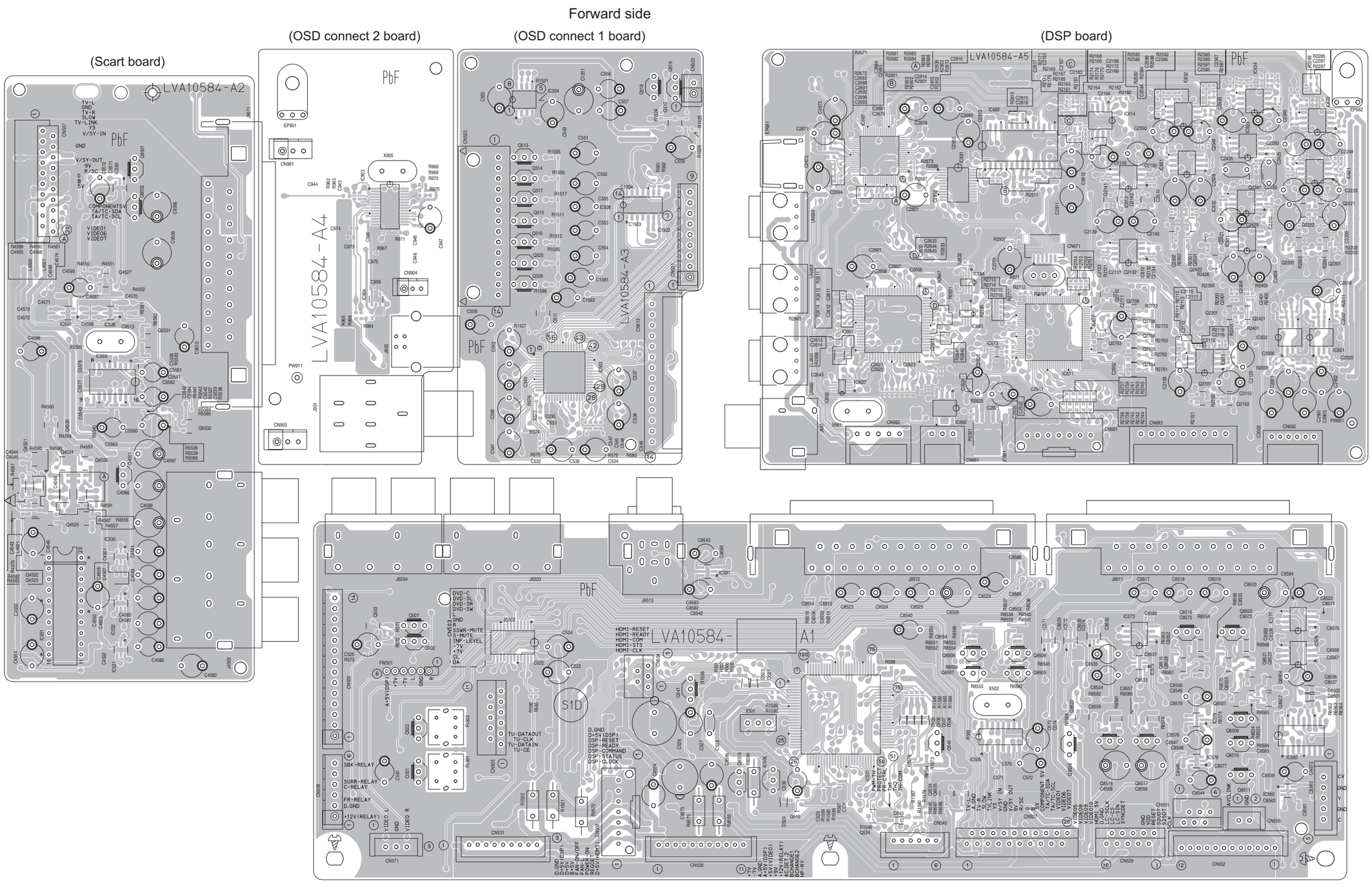
(Input board)

■ Input board (For B/E/EN/EV version)

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Forward side

(Scart board) (OSD connect 2 board) (OSD connect 1 board) (DSP board)

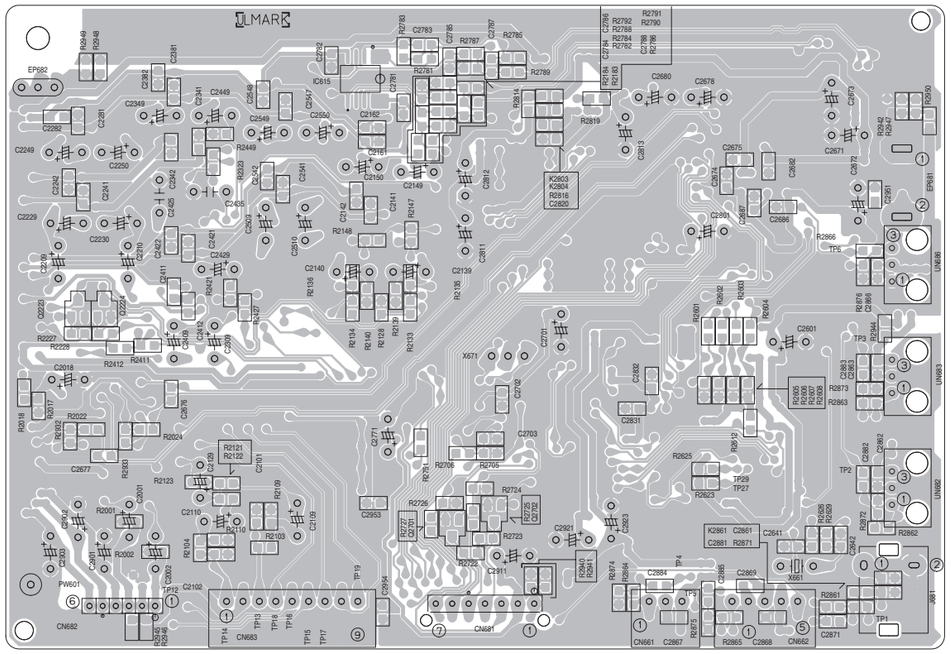


■ Input board (For B/E/EN/EV version)

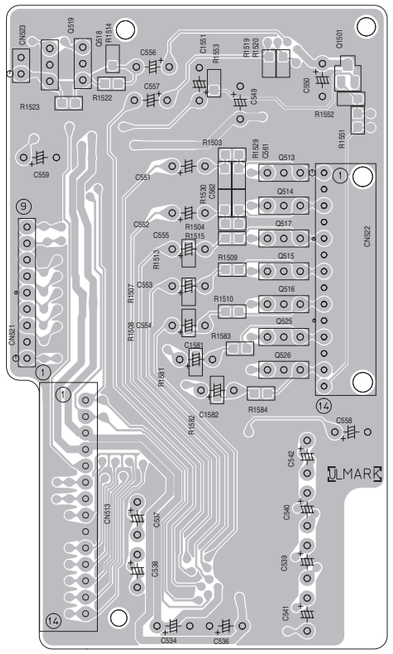
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Reverse side

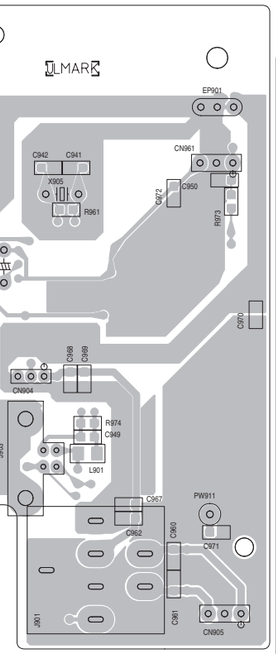
(DSP board)



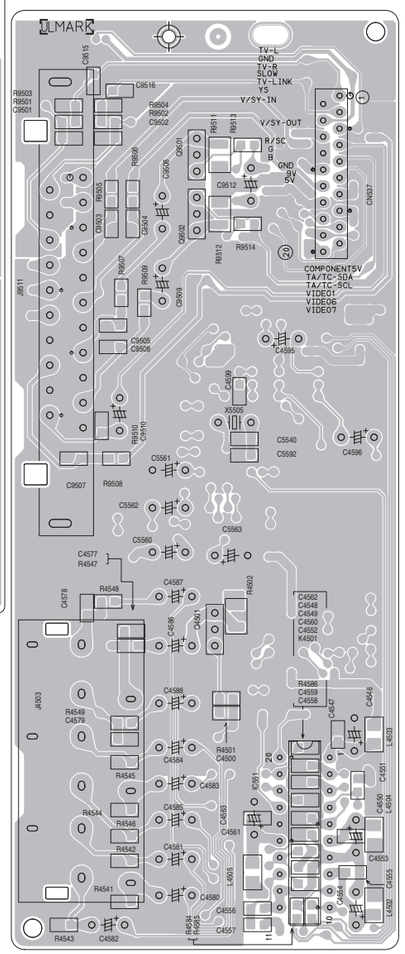
(OSD connect 1 board)

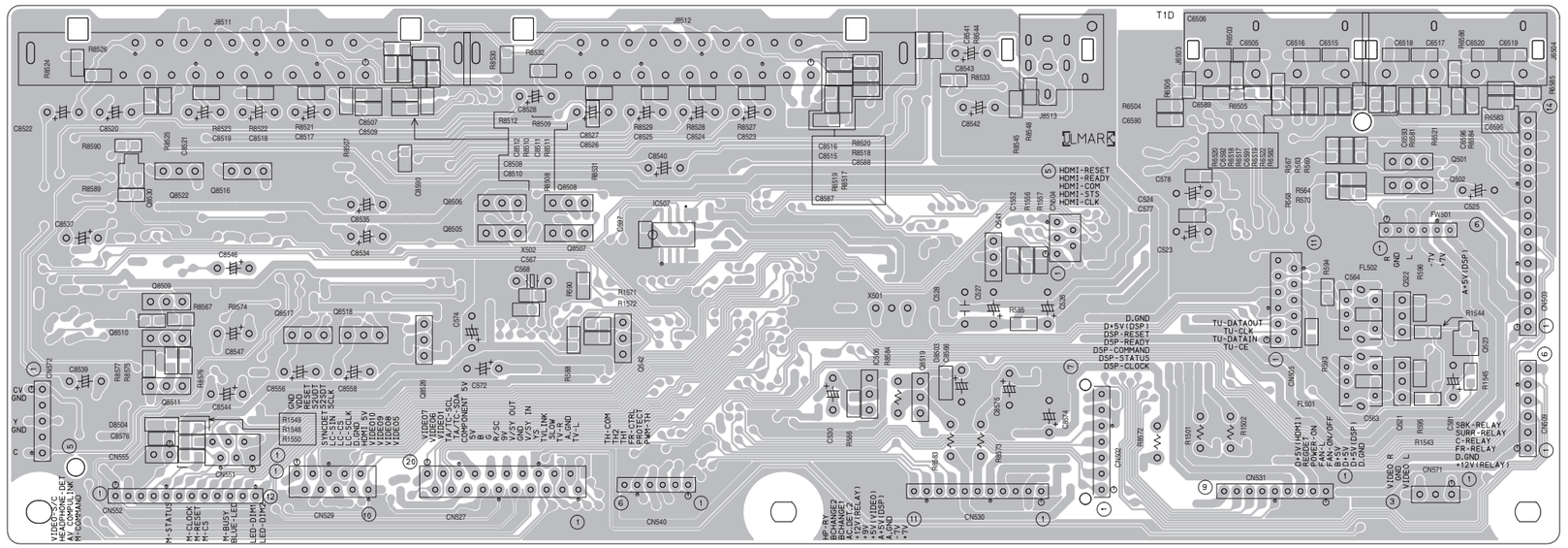


(OSD connect 2 board)



(Scart board)





(Input board)

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JVC

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